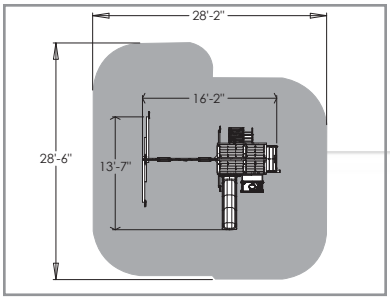
MOUNT FOREST LODGE – F25650

INSTALLATION AND OPERATING INSTRUCTIONS



WARNING To reduce the risk of serious injury or death, you must read and follow these instructions. Keep and refer to these instructions often and give them to any future owner of this play set. Manufacturer contact information provided below.

OBSTACLE FREE SAFETY ZONE -28'6 x 28' 2"(9.45 x 8.53 m) area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - 7.1 ft. (2.16 m)

CAPACITY - 10 Users Maximum, Ages 3 to 10; Weight Limit 110 lbs. (49.9 kg) per child.

RESIDENTIAL HOME USE ONLY. Not intended for public areas such as schools, churches, nurseries, day cares or parks.

TWO PERSON ASSEMBLY

Cedar Summit
PREMIUM PLAY SETS™

Cedar Summit
c/o ©Solowave Design L.P.
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Warnings and Safe Play Instructions

CONTINUOUS ADULT SUPERVISION REQUIRED. Most serious injuries and deaths on playground equipment have occurred while children were unsupervised! Our products are designed to meet mandatory and voluntary safety standards. Complying with all warnings and recommendations in these instructions will reduce the risk of serious or fatal injury to children using this play system. Go over the warnings and safe play instructions regularly with your children and make certain that they understand and follow them. Remember on-site adult supervision is required for children of all ages.

WARNING

SERIOUS HEAD INJURY HAZARD
Installation over concrete, asphalt, dirt, grass, carpet and other hard surface creates a risk of serious injury or death from falls to the ground. Install and maintain shock absorbing material under and around play-set as recommended on page 3 of these instructions.

COLLISION HAZARD
Place play-set on level ground at least 6 feet from any obstruction such as a garage or house, fences, poles, trees, sidewalks, walls, landscape timbers, rocks, pavement, planters, garden borders, overhanging branches, laundry lines, and electrical wires. (See OBSTACLE FREE SAFETY ZONE on cover)

CHOKING HAZARD/SHARP EDGES & POINTS
Adult assembly required. This product contains small parts and parts with sharp edges and points. Keep parts away from children until fully assembled.

WARNING LABEL
Owners shall be responsible for maintaining the legibility of the warning labels.

STRANGULATION HAZARD
- NEVER allow children to play with ropes, clotheslines, pet leashes, cables, chains or cord-like items when using this play-set or to attach these items to play-set.
- NEVER allow children to wear loose fitting clothing, ponchos, hoods, scarves, capes, necklaces, items with draw-strings, cords or ties when using this play-set.
- NEVER allow children to wear bike or sport helmets when using this play-set.

Failure to prohibit these items, even helmets with chin straps, increases the risk of serious injury and death to children from entanglement and strangulation.

TIP OVER HAZARD
Choose a level location for the equipment. This can reduce the likelihood of the play set tipping over and loose-fill surfacing materials washing away during heavy rains.

DO NOT allow children to play on the play-set until the assembly is complete and the unit is properly anchored.

WARNING – Safe Play Instructions

- ✓ Observe capacity limitations of your play-set. See front cover.
- ✓ Dress children with well fitting and full foot enclosing footwear.
- ✓ Teach children to sit with their full weight in the center of the swing seat to prevent erratic swing motion or falling off.
- ✓ Check for splintered, broken or cracked wood; missing, loose, or sharp edged hardware. Replace, tighten and or sand smooth as required prior to playing.
- ✓ Verify that suspended climbing ropes, rope ladders, chain or cable are secured at both ends and cannot be looped back on itself as to create an entanglement hazard.
- ✓ On sunny and or hot days, check the slide and other plastic rides to assure that they are not very hot as to cause burns. Cool hot slide and rides with water and wipe dry prior to using.
- ✘ Do not allow children to wear open toe or heel footwear like sandals, flip–flops or clogs.
- ✘ Do not allow children to walk, in front, between, behind or close to moving rides.
- ✘ Do not let children twist swing chains or ropes or loop them over the top support bar. This may reduce the strength of the chain or rope and cause premature failure.
- ✘ Do not let children get off rides while they are in motion.
- ✘ Do not permit climbing on equipment when it is wet.
- ✘ Do not permit rough play or use of equipment in a manner for which it was not intended. Standing on or jumping from the roof, elevated platforms, swings, climbers, ladders or slide can be dangerous.
- ✘ Do not allow children to swing empty rides or seats.
- ✘ Do not allow children to go down slide head first or run up slide.

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⚠Protective Surfacing - Reducing Risk of Serious Head Injury From Falls.

One of the most important things you can do to reduce the likelihood of serious head injuries is to install shock-absorbing protective surfacing under and around your play equipment. The protective surfacing should be applied to a depth that is suitable for the equipment height in accordance with ASTM F1292. There are different types of surfacing to choose from; whichever product you select, follow these guidelines:

Loose-Fill Materials

- Maintain a minimum depth of 9 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet high; and 9 inches of sand or pea gravel for equipment up to 5 feet high. NOTE: An initial fill level of 12 inches will compress to about a 9-inch depth of surfacing over time. The surfacing will also compact, displace, and settle, and should be periodically raked and refilled to maintain at least a 9-inch depth.
- Use a minimum of 6 inches of protective surfacing for play equipment less than 4 feet in height. If maintained properly, this should be adequate. (At depths less than 6 inches, the protective material is too easily displaced or compacted.)

NOTE: Do not install home playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are not adequate protective surfacing. Ground level equipment -- such as a sandbox, activity wall, playhouse or other equipment that has no elevated play surface -- does not need any protective surfacing.

- Use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging. Don't forget to account for water drainage.
- Periodically rake, check and maintain the depth of the loose-fill surfacing material. Marking the correct depth on the play equipment support posts will help you to see when the material has settled and needs to be raked and or replenished. Be sure to rake and evenly redistribute the surfacing in heavily used areas.
- Do not install loose fill surfacing over hard surfaces such as concrete or asphalt.

Poured-In-Place Surfaces or Pre-Manufactured Rubber Tiles

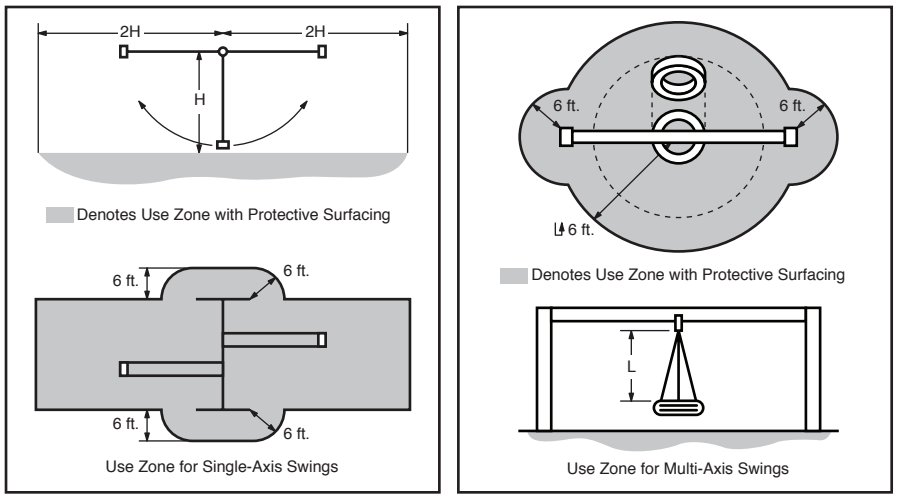
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

- Installations of these surfaces generally require a professional and are not "do-it yourself" projects.
- Review surface specifications before purchasing this type of surfacing. Ask the installer/manufacturer for a report showing that the product has been tested to the following safety standard: ASTM F1292 *Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment*. This report should show the specific height for which the surface is intended to protect against serious head injury. This height should be equal to or greater than the fall height - vertical distance between a designated play surface (*elevated surface for standing, sitting, or climbing*) and the protective surfacing below - of your play equipment.
- Check the protective surfacing frequently for wear.

Placement

Proper placement and maintenance of protective surfacing is essential. Refer to diagram on front cover. Be sure to;

- Extend surfacing at least 6 feet from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions.



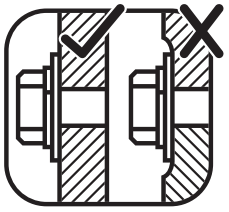
From the CPSC Outdoor Home Playground Safety Handbook. At www.cpsc.gov/CPSCPUB/PUBS/324.pdf

Instructions for Proper Maintenance

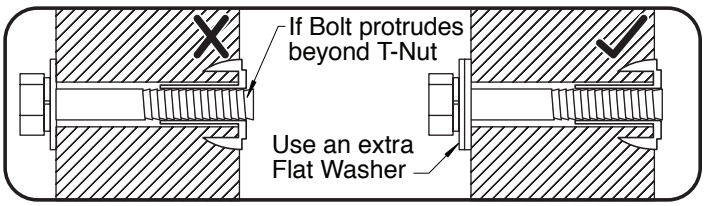
Your Cedar Summit Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain it.

Check the following at the beginning of the play season:

HARDWARE:



- ✓ Check metal parts for rust. If found, sand and repaint using a non-lead paint complying with 16 CFR 1303.
- ✓ Inspect and tighten all hardware. On wood assemblies DO NOT OVER-TIGHTEN as to cause crushing and splintering of wood.
- ✓ Check for sharp edges or protruding screw threads, add washers if required.



SHOCK ABSORBING SURFACING:

- ✓ Check for foreign objects. Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

GROUND STAKES (ANCHORS):

- ✓ Check for looseness, damage or deterioration. Should firmly anchor unit to ground during use. Re-secure and or replace, if necessary.

SWING HANGERS:

- ✓ Check that bolts are secure and tight. Quick clips should be completely closed and threaded clips screwed tight.
- ✓ If squeaking occurs lubricate bushings with oil or WD-40®.

SWINGS, ROPES AND RIDES:

- ✓ Reinstall if removed during cold season. Check all moving parts including swing seats, ropes, chains and attachments for wear, rust and other deterioration. Replace as needed.
- ✓ Check that ropes are tight, secure at both ends and cannot loop back as to create an entrapment.

WOOD PARTS:

- ✓ Check all wood members for deterioration, structural damage and splintering. Sand down splinters and replace deteriorated wood members. As with all wood, some checking and small cracks in grain is normal.
- ✓ Unprotected, they will appear weathered over time. Periodic application of an exterior water repellent or stain (water-based) will help improve appearance and life.

Check twice a month during play season:

HARDWARE:

- ✓ Inspect for tightness. Must be firmly against, but not crushing the wood. DO NOT OVER-TIGHTEN. This will cause splintering of wood.
- ✓ Check for sharp edges or protruding screw threads. Add washers if required.

SHOCK ABSORBING SURFACING:

- ✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

Check once a month during play season:

SWING HANGERS:

- ✓ Check that they are secure and orientated correctly. Hook should rotate freely and perpendicular to support beam.
- ✓ If squeaking occurs lubricate bushings with oil or WD-40®.

SWINGS AND RIDES:

- ✓ Check swing seats, all ropes, chains and attachments for fraying, wear, excessive corrosion or damage. Replace if structurally damaged or deteriorated.

Check at the end of the play season:

SWINGS AND RIDES:

- ✓ To prolong their life, remove swings and store inside when outside temperature is below 32°F/0°C. Below freezing, plastic parts may become more brittle.

SHOCK ABSORBING SURFACING:

- ✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

If you dispose of your play set: Please disassemble and dispose of your unit so that it does not create any unreasonable hazards at the time it is discarded. Be sure to follow your local waste ordinances.

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About Our Wood

Cedar Summit Premium Play Systems uses 100% FSC wood. Although we take great care in selecting the best quality lumber available, wood is still a product of nature and susceptible to weathering which can change the appearance of your set.

What causes weathering? Does it affect the strength of my Play System?

One of the main reasons for weathering is the effects of water (moisture); the moisture content of the wood at the surface is different than the interior of the wood. As the climate changes, moisture moves in or out of the wood, causing tension which can result in checking and or warping. You can expect the following due to weathering. These changes will not affect the strength of the product:

1. **Checking** is surface cracks in the wood along the grain. A post (4" x 4") will experience more checking than a board (1" x 4") because the surface and interior moisture content will vary more widely than in thinner wood.
2. **Warping** results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.
3. **Fading** happens as a natural change in the wood color as it is exposed to sun-light and will turn a grey over time.

How can I reduce the amount of weathering to my Play System?

At the factory we have coated the wood with a water repellent or stain. This coating decreases the amount of water absorption during rain or snow thus decreasing the tension in the wood. Sunlight will break down the coating, so we recommend applying a water repellent or stain on a yearly basis (see your local stain and paint supplier for a recommended product).

Most weathering is just the normal result of nature and will not affect safe play and enjoyment for your child. However if you are concerned that a part has experienced a severe weathering problem please call our consumer relations department for further assistance.

Complete and mail registration card to receive important product notifications and assure prompt warranty service.

10 Year Limited Warranty

Solowave Design warrants that this product is free from defect in materials and workmanship for a period of one year from the original date of purchase. In addition, lumber is warranted for 10 years against structural failure due to rot and insect damage. All other parts, such as hardware, swings, rides, accessories, and slides carry a one-year warranty only.
This warranty applies to the original owner and registrant and is non-transferable.
Regular maintenance is required to assure the integrity of your Play System. This warranty does not cover any inspection cost.

This Limited Warranty does not cover:

- Labor for replacement of any defective item(s);
- Incidental or consequential damages;
- Cosmetic defects which do not affect performance or integrity;
- Vandalism; improper use or installation; acts of nature;
- Minor twisting, warping, checking, or any other natural occurring properties of wood that do not affect performance or integrity.

Solowave Design products have been designed for safety and quality. Any modifications made to the original product could damage the structural integrity of the unit leading to failure and possible injury. Solowave Design Inc. cannot assume any responsibility for modified products. Furthermore, modification voids any and all warranties.

This product is warranted for **RESIDENTIAL USE ONLY**. Under no circumstance should a Solowave Design Play System be used in public settings such as schools, churches, playgrounds, parks, day cares and the like. Such use may lead to product failure and potential injury. Any and all public use will void this warranty.
Solowave Design disclaims all other representations and warranties of any kind, express or implied.

This Warranty gives you specific legal rights. You may have other rights as well which vary from state to state or province to province. This warranty excludes all consequential damages, however, some states do not allow the limitation or exclusion of consequential damages, and therefore this limitation may not apply to you.

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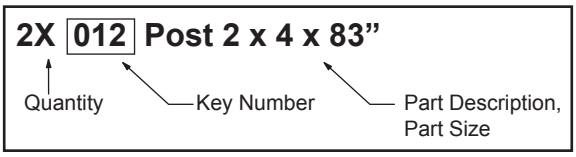
Keys to Assembly Success

Tools Required

• Tape Measure • Carpenters Level • Carpenters Square • Claw Hammer • Standard or Cordless Drill	• #1 Philips, #2 Robertson, and Screwdriver • Ratchet with extension (1/2” & 9/16” sockets)	• Open End Wrench (1/2” & 9/16”) • Adjustable Wrench • 1/8” & 3/16” Drill Bits • Pencil	• 3/16” Hex Key • 8’ Step Ladder • Safety Glasses • Adult Helpers

Part Identification Key

On each page, you will find the parts and quantities required to complete the assembly step illustrated on that page. Here is a sample.



Key Number: The first two digits represent the step number. The third digit represents the piece. Note that if the part is used in multiple steps then the number only reflects the first step it is used in.

Symbols

Throughout these instructions symbols are provided as important reminders for proper and safe assembly.

This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.

Use Help

Use Help

Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!

Measure Distance

Check that assembly is square before tightening bolts.

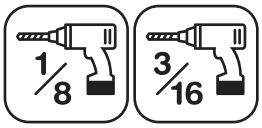
Use a measuring tape to assure proper location.

Square Assembly

Check that set or assembly is properly level before proceeding.

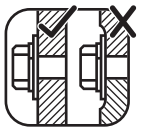
Use Level

Pre-drill 1/8” & 3/16” Bit



Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.

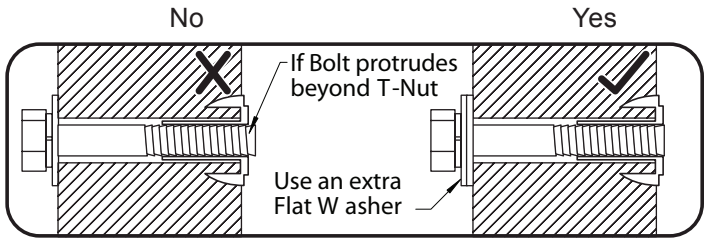
Tighten Bolts



This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.

⚠CAUTION – Protrusion Hazard

Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.

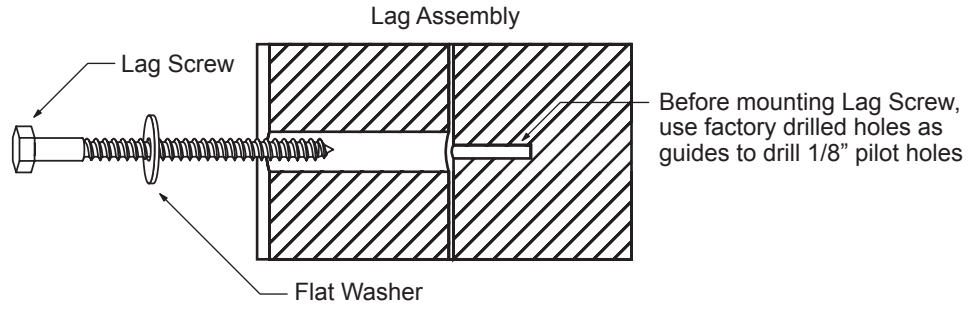


Proper Hardware Assembly

Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

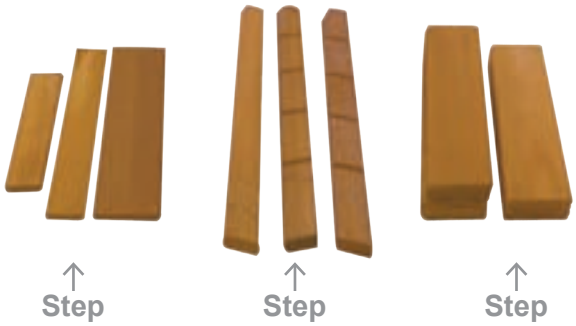
For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16” is slightly larger than 1/4”.

Note: Wafer head bolts with blue lock tight or a bolt with a Ny-Lok nut do NOT require a lock washer.



Your Key To Quick Assembly

SORTING WOOD PARTS INTO EACH ASSEMBLY STEP WILL SAVE TIME!



SAVE TIME - TIP #1:

Wood parts are found in Box 2, 3, 4 & 5. Open each box with wood parts and look for the <u>Key Number</u> stamped on the end of the wood part (see chart below). Sort each wood part into the different assembly steps.

2X	012	Post	2 x 4 x 83”
↑ Part Quantity	↑ Key Number	↑ Part Description	↑ Part Size

Step Number (This is Step 1)	012	Order Listed (The order the part is listed in step 1)

Key Number: The first two digits represent the step number. The third digit represents the order in which the part is listed in the step.

Note that if the part is used in multiple steps then the key number only reflects the first step it is used in.

SAVE TIME - TIP #2:

In addition to the key number stamp, you can also identify the wood parts by using the Parts Identification pages in the manual or the Parts Identification weather resistant poster.

HARDWARE:

The majority of each hardware part comes packed in a separate bag so you do not need to sort the hardware. Each assembly step indicates which hardware (bolt, screw, washer etc.) you will require to complete the step.

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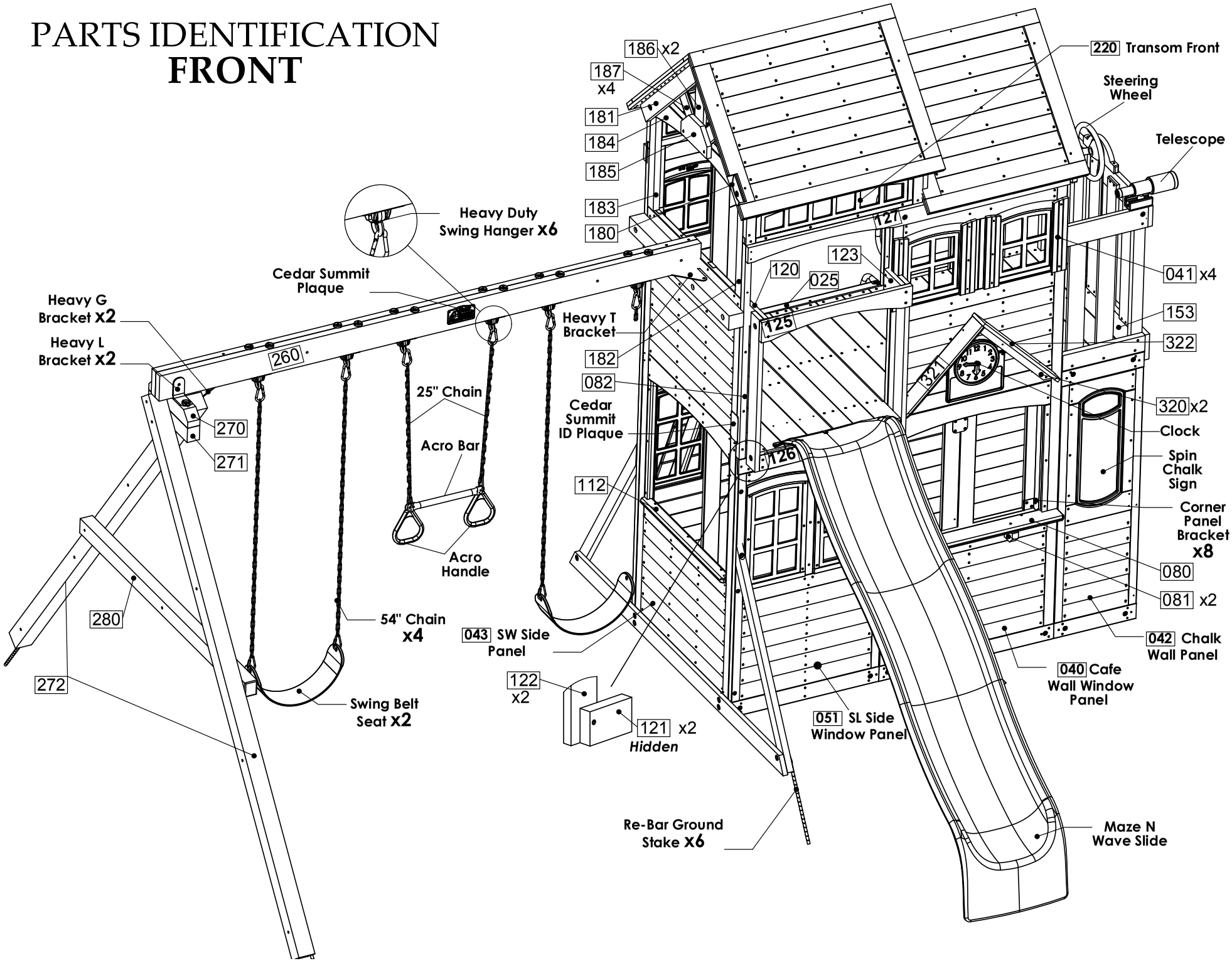
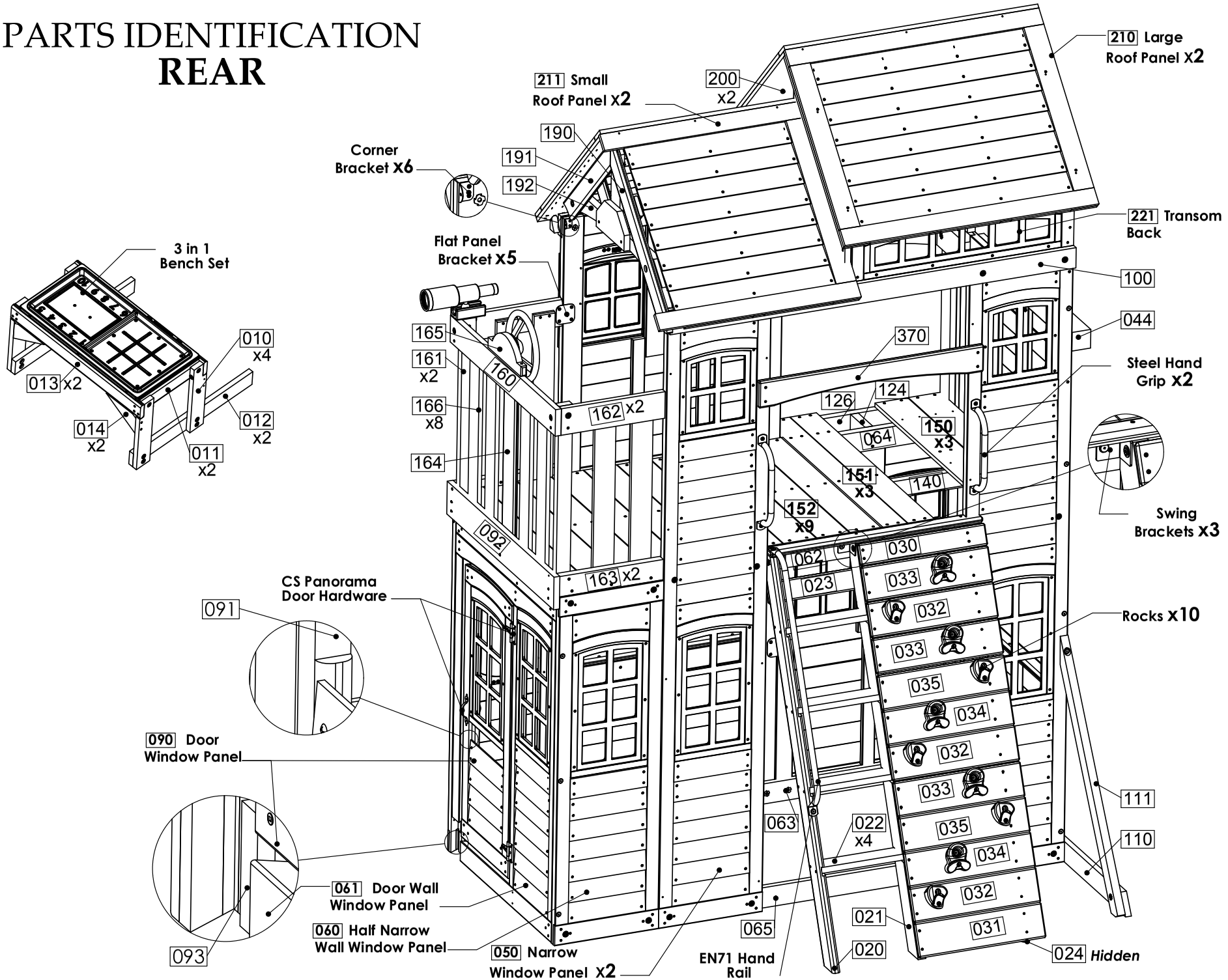
PARTS IDENTIFICATION
FRONT



PARTS IDENTIFICATION
REAR



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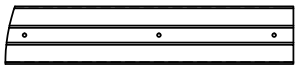
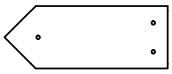
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
1" x 4"	⅝" x 3¼"
1" x 5"	⅝" x 4¼"
1" x 6"	⅝" x 5¼"

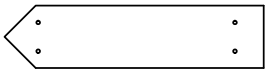
4pc. - **041** - Window Shutter FSC ⅝ x 3 x 15" - Box 2 - 4608778



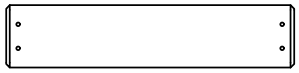
4pc. - **187** - Side Gable FSC 1 x 4 x 8½" - Box 2 - 4638819



2pc. - **186** - Centre Gable FSC 1 x 4 x 13½" - Box 2 - 4638820

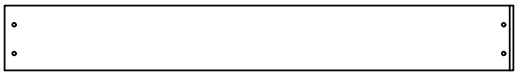


1pc. - **023** - Ladder Gap FSC 1 x 4 x 15" - Box 2 - 4638828

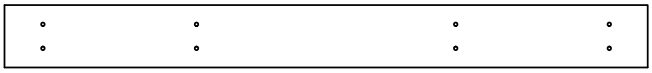


1pc. - **030** - Board Access FSC 1 x 4 x 20½" - Box 4 - 4638826

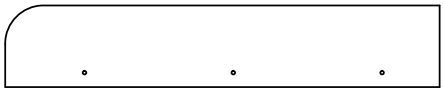
8pc. - **166** - Wall Board FSC 1 x 4 x 26½" - Box 4 - 4638039



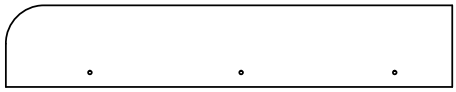
1pc. - **093** - Door Bottom FSC 1 x 4 x 33½" - Box 2 - 4638821



1pc. - **321** - Roof Board A FSC 1 x 5 x 22⅝" - Box 3 - 4638803

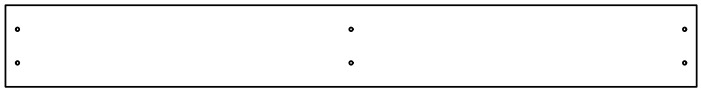


1pc. - **322** - Roof Board B FSC 1 x 5 x 23¼" - Box 3 - 4638804



1pc. - **164** - Centre Wall Board FSC 1 x 5 x 32" - Box 5 - 4638608

1pc. - **153** - Floor A FSC 1 x 5 x 36" - Box 2 - 4638796

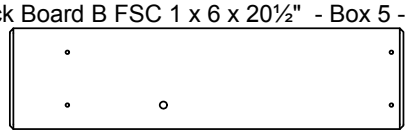


3pc. - **151** - Slidenest Floor A FSC 1 x 5 x 42½" - Box 4 - 4638795

1pc. - **031** - Rock Bottom FSC 1 x 6 x 20½" - Box 3 - 4638827

3pc. - **032** - Rock Board A FSC 1 x 6 x 20½" - Box 5 - 4638822

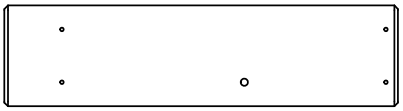
3pc. - **033** - Rock Board B FSC 1 x 6 x 20½" - Box 5 - 4638823



Part Identification (Reduced Part Size)

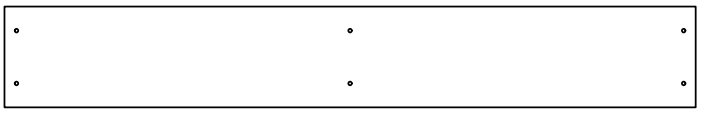
Nominal Size	Actual Size
1" x 6"	⅝" x 5¼"
5/4" x 3"	15/16" x 2¼"
5/4 x 4"	15/16" x 3¼"

2pc. - **034** - Rock Board C FSC 1 x 6 x 20½" - Box 5 - 4638824



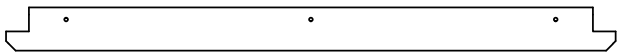
2pc. - **035** - Rock Board D FSC 1 x 6 x 20½" - Box 5 - 4638825

9pc. - **152** - Floor FSC 1 x 6 x 36" - Box 2 - 4638797

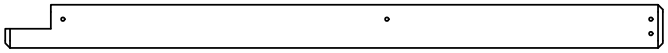


3pc. - **150** - Slidenest Floor FSC 1 x 6 x 42½" - Box 4 - 4638794

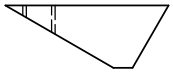
1pc. - **112** - SW Table Top FSC 5/4 x 3 x 31¾" - Box 3 - 4638811



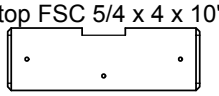
1pc. - **025** - Top Ladder FSC 5/4 x 3 x 34¼" - Box 2 - 4638829



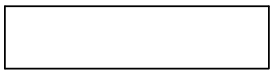
2pc. - **014** - Box Gusset FSC 5/4 x 4 x 8½" - Box 3 - 4638834



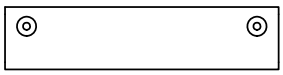
1pc. - **091** - Door Stop FSC 5/4 x 4 x 10" - Box 4 - 4638625



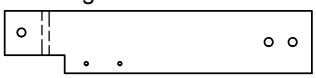
4pc. - **022** - Ladder Tread FSC 5/4 x 4 x 13¾" - Box 3 - 4638517



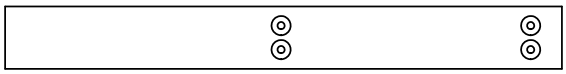
2pc. - **011** - Box End FSC 5/4 x 4 x 14¼" - Box 3 - 4638832



4pc. - **010** - Box Leg FSC 5/4 x 4 x 16" - Box 4 - 4638831



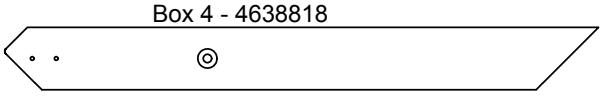
2pc. - **012** - Box Ground FSC 5/4 x 4 x 29" - Box 2 - 4638830



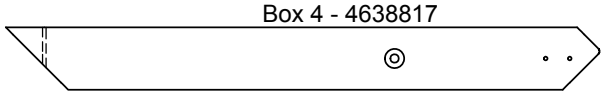
1pc. - **180** - Roof Support FSC 5/4 x 4 x 29" - Box 4 - 4638806

1pc. - **181** - Roof Support Left FSC 5/4 x 4 x 29" - Box 4 - 4638807

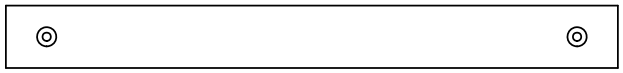
1pc. - **191** - Left Gable Angle FSC 5/4 x 4 x 31"
Box 4 - 4638818



1pc. - **190** - Right Gable Angle FSC 5/4 x 4 x 31"
Box 4 - 4638817



2pc. - **122** - Post FSC 5/4 x 4 x 31⅞" - Box 3 - 4638791



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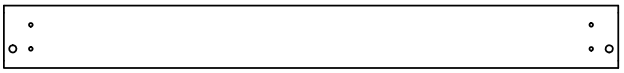
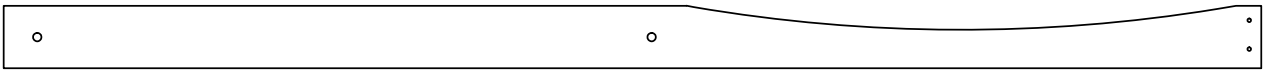
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
5/4" x 4"	15/16" x 3¼"
5/4" x 5"	15/16" x 4¼"
5/4" x 6"	15/16" x 5¼"

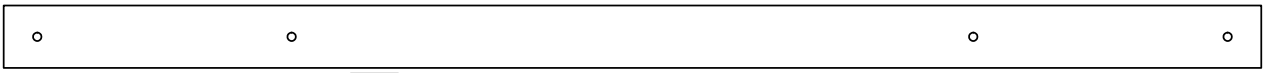
2pc. - **013** - Box Side FSC 5/4 x 4 x 32" - Box 3 - 4638833



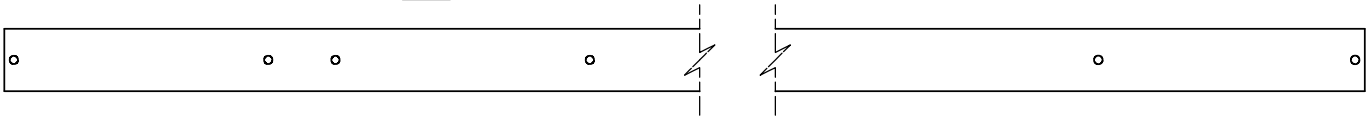
1pc. - **127** - Front Top FSC 5/4 x 4 x 65½" - Box 3 - 4638798



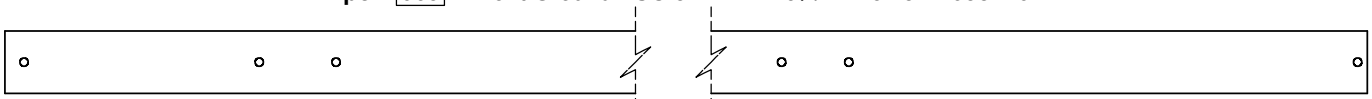
1pc. - **100** - Back Top FSC 5/4 x 4 x 65½" - Box 3 - 4638799



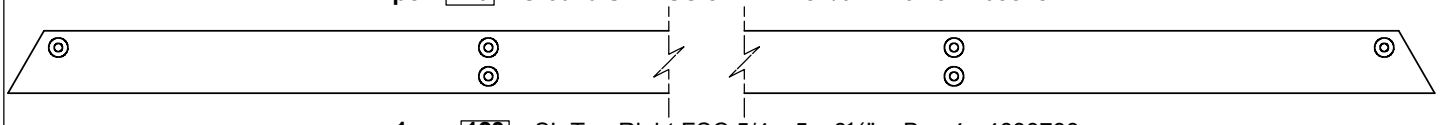
1pc. - **065** - Back Ground FSC 5/4 x 4 x 79¾" - Box 3 - 4638780



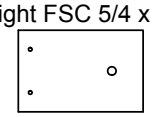
1pc. - **063** - Front Ground FSC 5/4 x 4 x 79¾" - Box 3 - 4638776



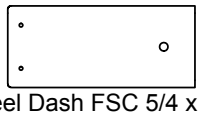
1pc. - **110** - Ground SW FSC 5/4 x 4 x 82⅝" - Box 3 - 4638782



1pc. - **123** - SL Top Right FSC 5/4 x 5 x 6½" - Box 4 - 4638788

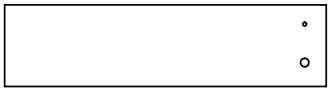


1pc. - **120** - SL Top Left FSC 5/4 x 5 x 9¾" - Box 3 - 4638787

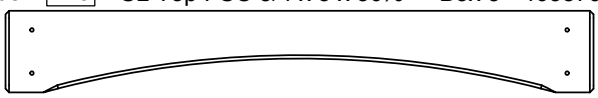


1pc. - **165** - Steering Wheel Dash FSC 5/4 x 5 x 12⅛" - Box 4 - 4638609

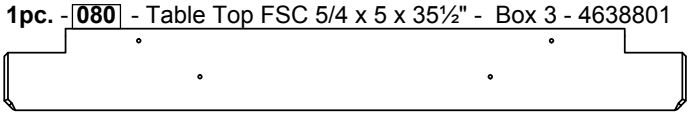
2pc. - **162** - Crowsnest Side FSC 5/4 x 5 x 16¾" - Box 4 - 4638815



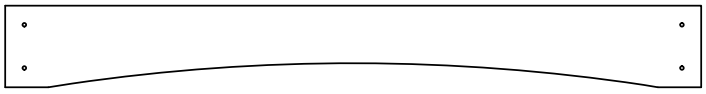
1pc. - **125** - SL Top FSC 5/4 x 5 x 30⅝" - Box 3 - 4638793



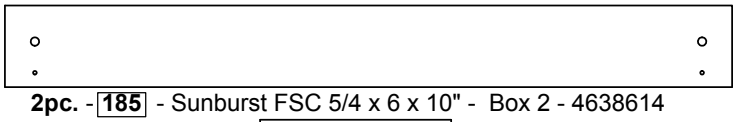
1pc. - **080** - Table Top FSC 5/4 x 5 x 35½" - Box 3 - 4638801



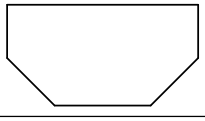
1pc. - **370** - Middle Arch FSC 5/4 x 5 x 36¼" - Box 3 - 4638800



1pc. - **160** - Crowsnest Top FSC 5/4 x 5 x 37⅞" - Box 2 - 4638813



2pc. - **185** - Sunburst FSC 5/4 x 6 x 10" - Box 2 - 4638614



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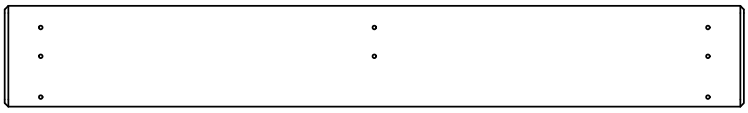
Part Identification (Reduced Part Size)

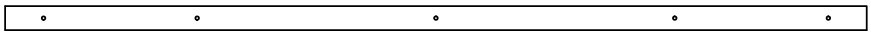
Nominal Size	Actual Size
5/4" x 6"	15/16" x 5¼"
1¼" x 1¼"	1¼" x 1¼"
1½" x 1½"	1½" x 1½"
1¼" x 2⅛"	1¼" x 2⅛"
2" x 3"	1¼" x 2¼"
2" x 4"	1¼" x 3¼"

2pc. - **200** - Roof Spacer FSC 5/4 x 6 x 32¼" - Box 4 - 4638777

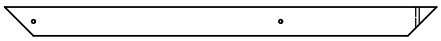
1pc. - **092** - Floor End FSC 5/4 x 6 x 38½" - Box 2 - 4638786



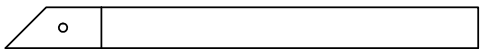
1pc. - **082** - SL Post FSC 1¼ x 1¼ x 44⅞" - Box 3 - 4638790



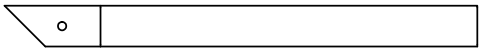
2pc. - **320** - Small Roof Support FSC 2 x 2 x 22½" - Box 2 - 4638802



1pc. - **182** - Top Post Right FSC 1¼ x 2⅛ x 24⅝" - Box 4 - 4638809

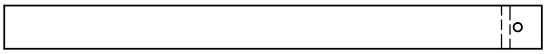


1pc. - **183** - Top Post Left FSC 1¼ x 2⅛ x 24⅝" - Box 4 - 4638808

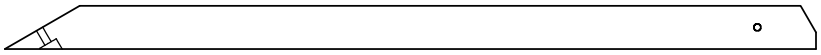


2pc. - **081** - Table Gusset FSC 2 x 3 x 3" - Box 2 - 4638805

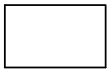
2pc. - **161** - Crowsnest Post FSC 2 x 3 x 28" - Box 3 - 4638812



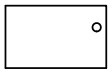
2pc. - **111** - Diagonal FSC 2 x 3 x 42¼" - Box 3 - 4638587



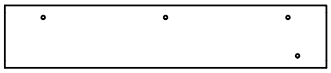
1pc. - **124** - Short Floor Joist FSC 2 x 4 x 5¼" - Box 4 - 4638623



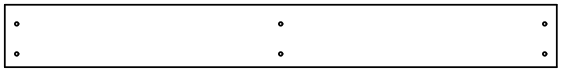
2pc. - **121** - Short Joist FSC 2 x 4 x 5¼" - Box 4 - 4638789



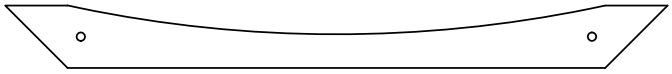
2pc. - **163** - Crowsnest Bottom FSC 2 x 4 x 16¾" - Box 4 - 4638814



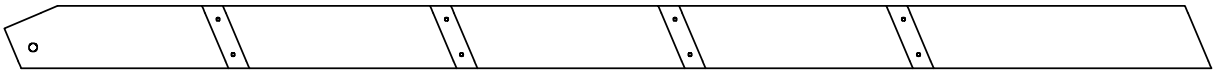
1pc. - **126** - SL End FSC 2 x 4 x 28¾" - Box 3 - 4638792



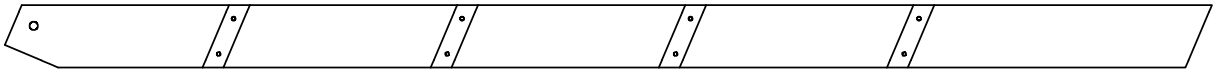
1pc. - **192** - Gable Bottom FSC 2 x 4 x 34½" - Box 3 - 4638816



1pc. - **020** - Left Access Rail FSC 2 x 4 x 62⅞" - Box 4 - 4638145



1pc. - **021** - Right Access Rail FSC 2 x 4 x 62⅞" - Box 4 - 4638146



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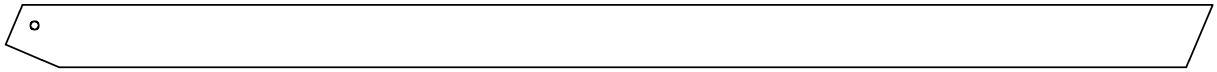
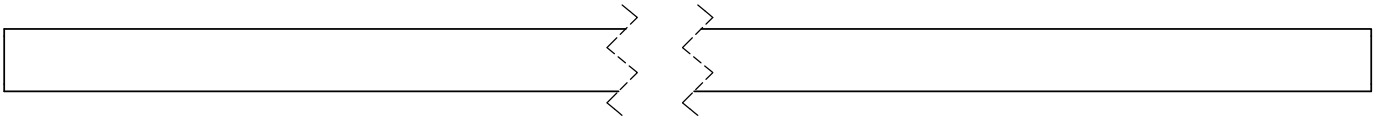
Part Identification (Reduced Part Size)

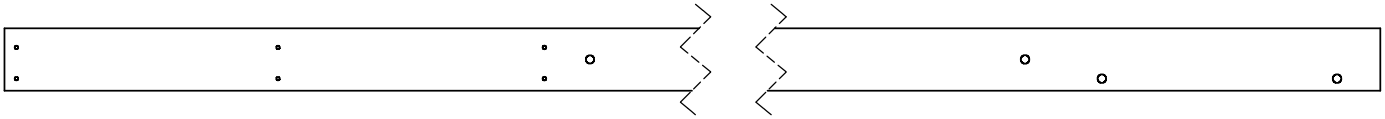
1pc. - **024** - Rock Rail FSC 2 x 4 x 62⅞" - Box 4 - 4638139



1pc. - **140** - Floor Joist FSC 2 x 4 x 81" - Box 4 - 4638783

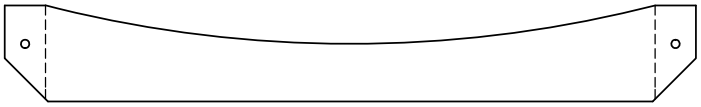


1pc. - **062** - Front Floor FSC 2 x 4 x 81" - Box 4 - 4638784

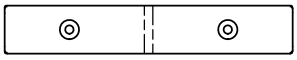


1pc. - **064** - Back Floor FSC 2 x 4 x 81" - Box 3 - 4638785

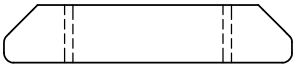
1pc. - **184** - SW Top FSC 1¼ x 5 x 36" - Box 3 - 4638810



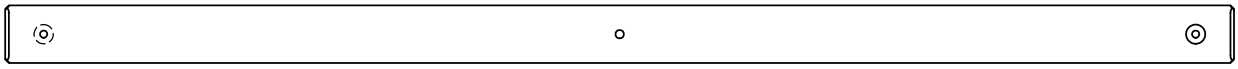
1pc. - **271** - Block SW FSC 2½ x 3 x 15" - Box 3 - 4638507



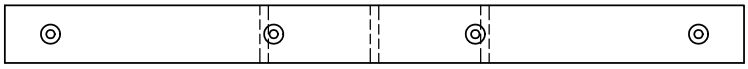
1pc. - **270** - SW Block Angle FSC 2½ x 3 x 15" - Box 3 - 4638508



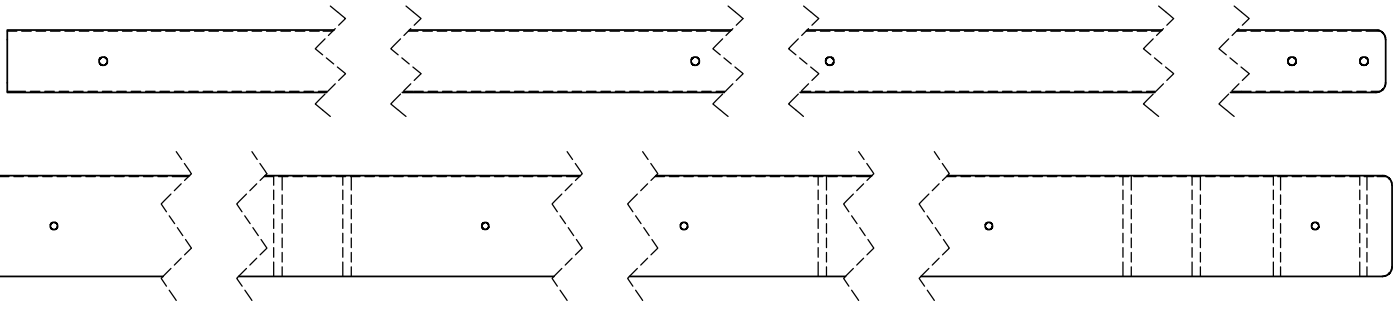
1pc. - **280** - Support Cross FSC 2½ x 3 x 64" - Box 4 - 4638510



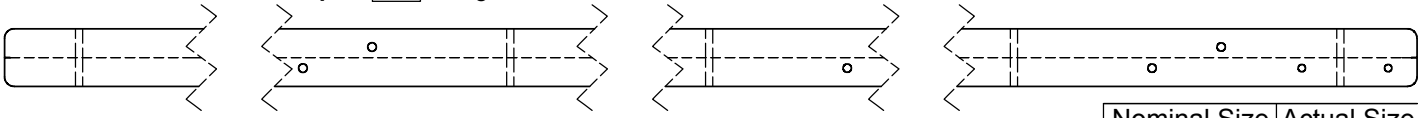
1pc. - **044** - SW Wall FSC 4 x 4 x 38½" - Box 3 - 4638779



2pc. - **272** - SW Post FSC 4 x 4 x 105" - Box 3 - 4638166



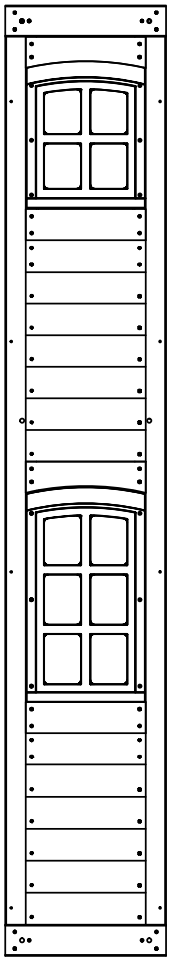
1pc. - **260** - Engineered SW Beam FSC 3 x 5¼ x 110" - Box 2 - 4638509



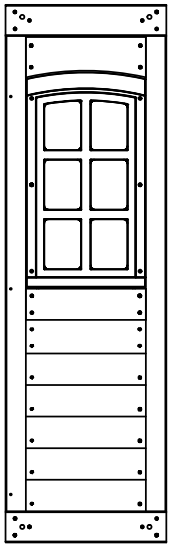
Nominal Size	Actual Size
2" x 4"	1¼" x 3¼"
2" x 5"	1¼" x 5"
3" x 6"	3" x 5¼"
4" x 4"	3 x 3

Part Identification (Reduced Assembly Size)

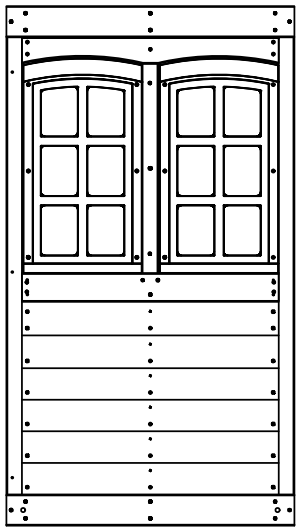
2pc. - **050** - **Narrow Window Panel** FSC
1¼ x 16¾ x 99" - Box 3 - 47638702



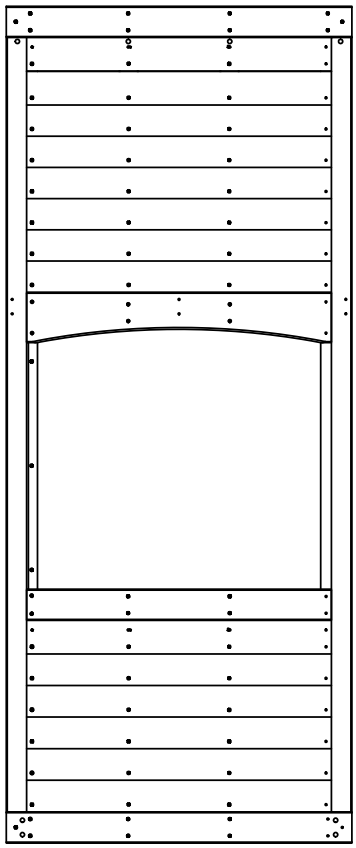
1pc. - **060** - **Half Narrow Window Panel** FSC 1¼ x 16¾ x 56"
Box 4 - 47638749



1pc. - **051** - **SL Side Window Panel** FSC
1¼ x 30 x 54⅛"- Box 3 - 47638713

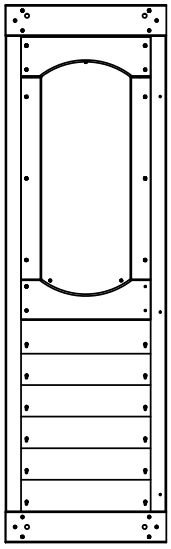


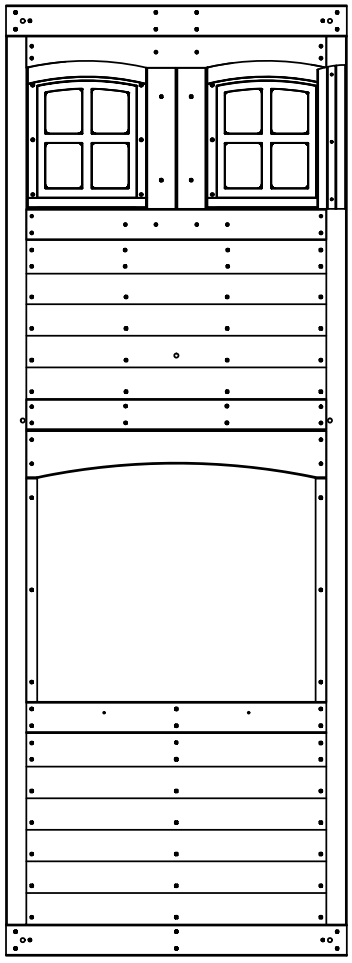
1pc. - **043** - **SW Side Panel** FSC
1¼ x 36 x 87¼" - Box 2 -47638775



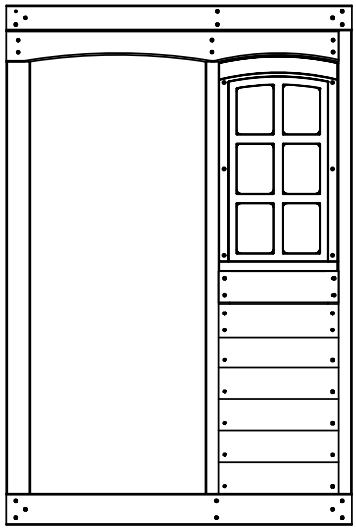
1pc. - **040** - **Cafe Wall Window Panel** FSC
1¼ x 35½ x 99"- Box 2 - 47638730

1pc. - **042** - **Chalkwall Panel** FSC
1¼ x 16¾ x 56"
Box 4 - 47638767

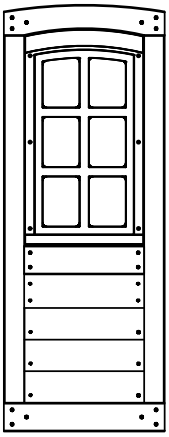




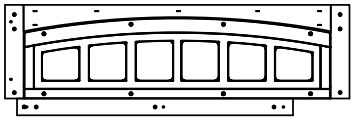
1pc.- **061** - **Door Wall Window Panel** FSC
1¼ x 36 x 54⅛" - Box 2 - 47638737



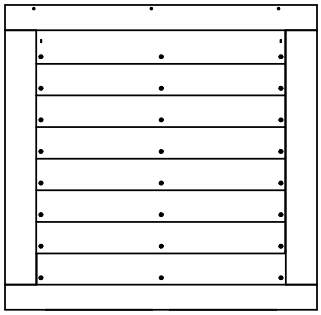
1pc. - **090** - **Door Window Panel** FSC Dark Brown
1¼ x 16¾ x 44-7/16"
Box 2 - 47608835



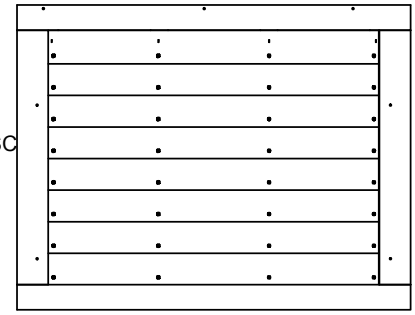
1pc.- **220** -**Transom Panel Front** FSC
1¼ x 11½ x 35⅞" - Box 2 - 47638745



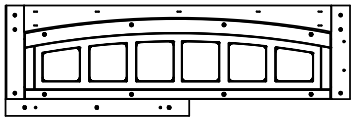
2pc. - **211** - **Small Roof Panel** FSC
1¼ x 31¾ x 32½" - Box 4 - 47638760



2pc. - **210** - **Large Roof Panel** FSC
1¼ x 31¾ x 41" - Box 4 - 47638756



1pc. - **221** - **Transom Panel Back** FSC
1¼ x 11½ x 35⅞" - Box 2 - 47638742



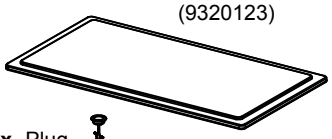
Part Identification (Reduced Part Size)

1x. - Rocks (10pk)
(3320210) -Green/Yellow/Burgundy

1x - Cedar Summit Plaque
(9320358)

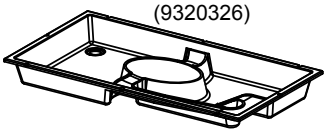
1x -3 in 1 Bench Set (3320123)

1x -Seat
(9320123)



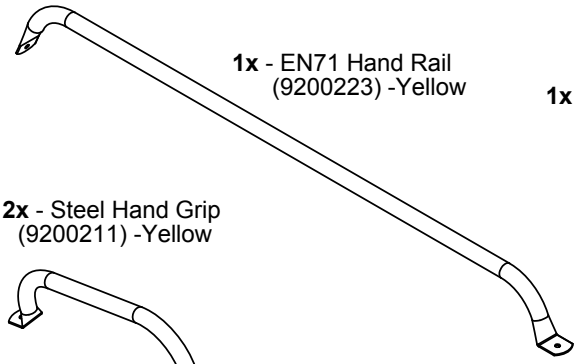
2x -Plug
(9320703)

1x -Shovel
(9320326)



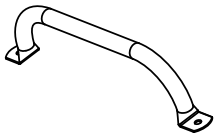
1x -Sand and Water Insert
(9320105)

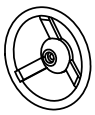
1x - EN71 Hand Rail
(9200223) -Yellow



1x - (3pk) Swing Bracket Set
(3201530) -Green

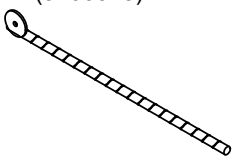
2x - Steel Hand Grip
(9200211) -Yellow





1x - Steering Wheel
(3320255)

1x - (6pk) Rebar Ground Stake 16"
(3200318)

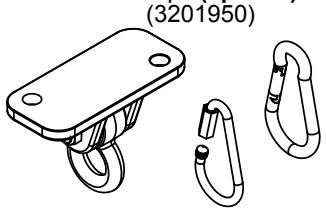


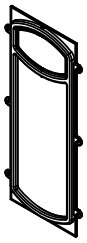
1x - Acro Bar
(9200130) Green

2x - Acro Handle
(9320131) Green

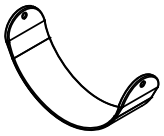
1x - Clock
Assembly (3320124)

1x - Heavy Duty Swing Hangers
with Clips **(6pc set)**
(3201950)

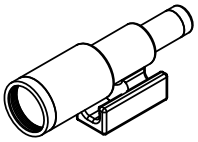




2x - Swing Belt Seat
(9320130) Green



1x - Spin Chalk Sign
(3320715)



1x - Telescope
(3320161)

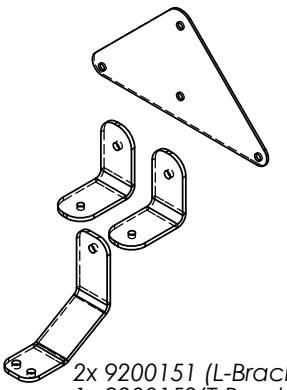
1x - Cedar Summit ID Plaque
(9320357)

1x - Welded Chain Bag
(3200170) Green

4x 9201254
54" chain -Green

2x 9201225
25" chain -Green

1x - Heavy Bracket Set
(3200150) Green



2x 9200151 (L-Bracket)
1x 9200152(T-Bracket)
1x 9200150 (G-Bracket)

1x - MFL Bracket Set
(3201700)

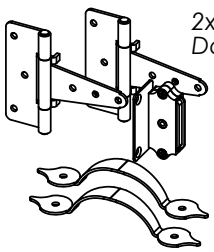
(4pk) 3200629
Corner Panel Brkt

(6pk) 3206570
Corner Bracket

(4pk) 3200628
Corner Panel Brkt

(5pk) 3200635
Flat Panel Brkt

1x - C.S. Panorama Door Hardware
(3201710)



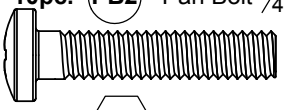
2x 9201713
Door Hinge -Green

9207713
Door Catch -Brown
1x Magnetic Catch
1x Catch Plate

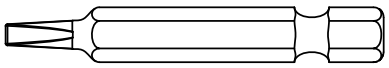
2x 9207711
Door Handle -Green

Hardware Identification (Actual Size)

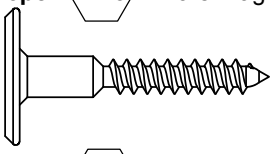
10pc. -(PB2) -Pan Bolt $\frac{1}{4}$ x $1\frac{1}{4}$ - (53433212)



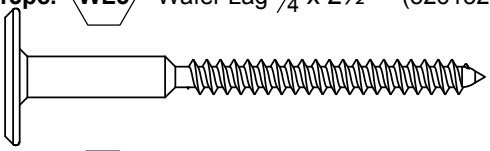
1pc. -[D4] -#2 x 2" Robertson Driver Bit- (9200014)



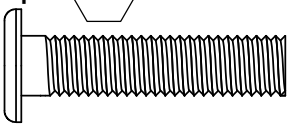
5pc. -(WL3) -Wafer Lag $\frac{1}{4}$ x 1⅜" - (52613216)



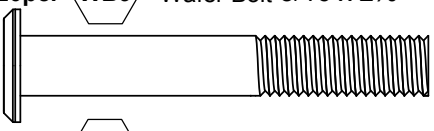
15pc. -(WL5) -Wafer Lag $\frac{1}{4}$ x 2½" - (52613222)



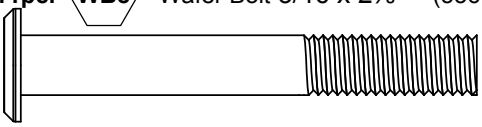
15pc. -(WB2) -Wafer Bolt 5/16 x 1⅜" - (53613316)



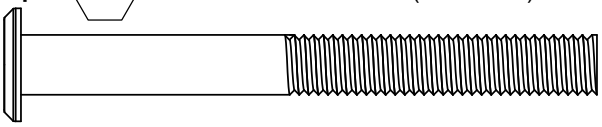
20pc. -(WB9) -Wafer Bolt 5/16 x 2⅛" - (53613324)



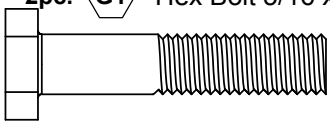
11pc. -(WB8) -Wafer Bolt 5/16 x 2⅜" - (53613326)



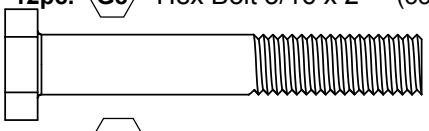
18pc. -(WB7) -Wafer Bolt 5/16 x 3" - (53613330)



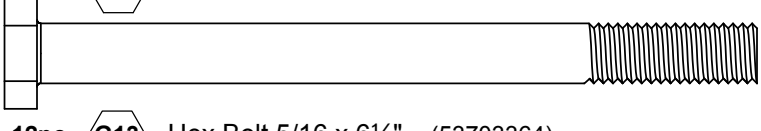
2pc. -(G1) -Hex Bolt 5/16 x 1-1/2" - (53703312)



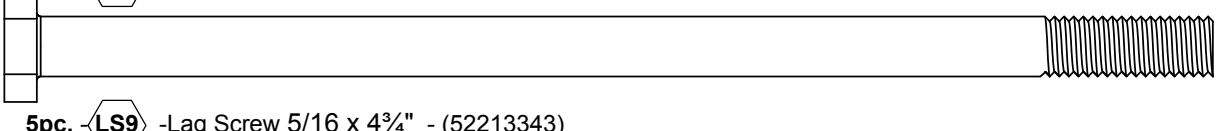
12pc. -(G8) -Hex Bolt 5/16 x 2" - (53703320)



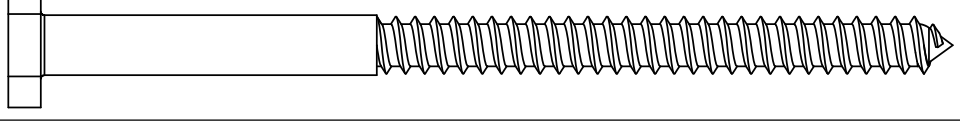
4pc. -(G21) -Hex Bolt 5/16 x 3¾" - (53703333)



12pc. -(G13) -Hex Bolt 5/16 x 6⅛" - (53703364)

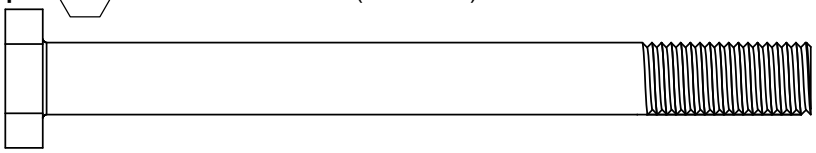


5pc. -(LS9) -Lag Screw 5/16 x 4¾" - (52213343)

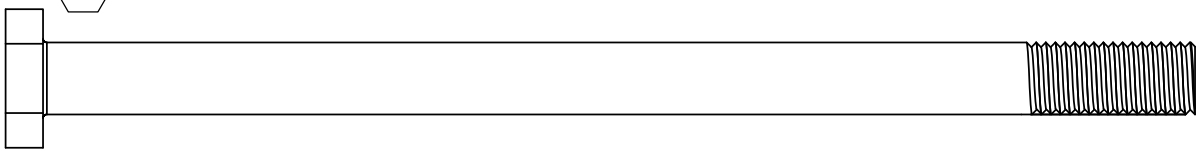


Hardware Identification (Actual Size)

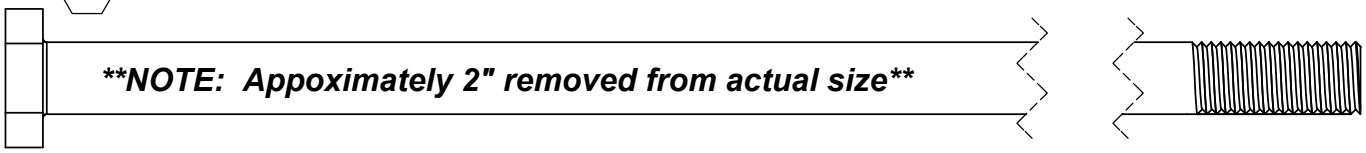
1pc. -(G20) -Hex Bolt 3/8 x 4" - (53703840)



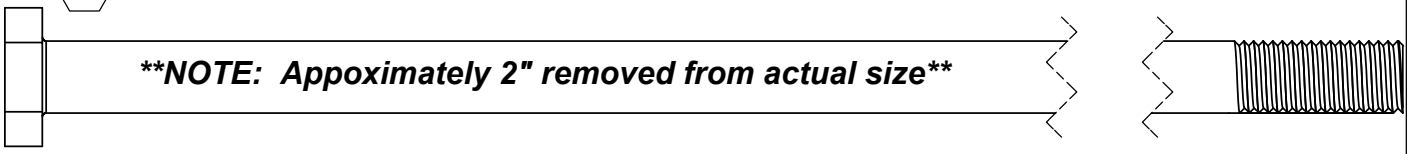
4pc. -(G17) -Hex Bolt 3/8 x 6" - (53703860)



1pc. -(G18) -Hex Bolt 3/8 x 9" - (53703890)



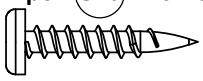
1pc. -(G26) -Hex Bolt 3/8 x 9¼" - (53703891)



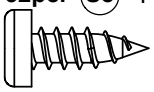
44pc. -(S13) -Pan Screw #6 x $\frac{5}{8}$" - (52413908)

6pc. -(S5) -Pan Screw #8 x ½" - (52433502)

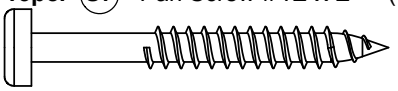
14pc. -(S10) -Pan Screw #8 x 1" - (52433510)



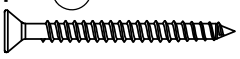
52pc. -(S8) -Pan Screw #12 x ¾" - (52433603)



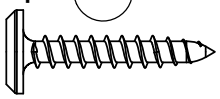
15pc. -(S7) -Pan Screw #12 x 2" - (52433620)



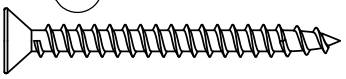
12pc. -(TS) -Trim Screw #6 x 30mm - (52953911)



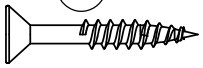
4pc. -(WH2) -Wafer Head Screw #12 x 1" - (52613610)



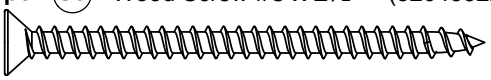
55pc. -(S15) -Wood Screw #8 x 1¾" - (52043513)



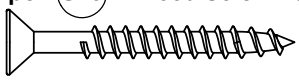
8pc. -(S18) -Wood Screw #6 x 1" - (52013910)



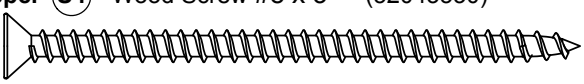
76pc. -(S3) -Wood Screw #8 x 2½" - (52043522)



234pc. -(S20) - Wood Screw #8 x 1⅜" - (52043516)



28pc. -(S4) -Wood Screw #8 x 3" - (52043530)



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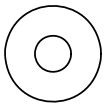
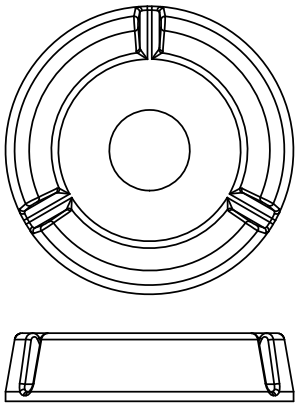
Hardware Identification (Actual Size)

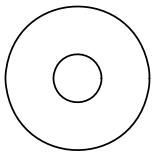
14pc. **FW0** -3/16" Flat Washer - (51103100)

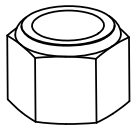


17pc. **FW5** - Plastic Formed Washer - (3290000)



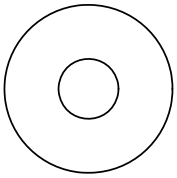
7pc. **FW1** -1/4" Flat Washer - (51103200)



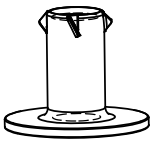


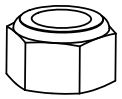
7pc. **LN3** -3/8" Lock Nut - (54303800)

112pc. **FW2** - 5/16" Flat Washer - (51103300)



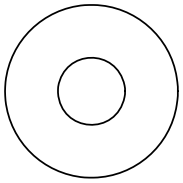
10pc. **BN1** -1/4" Barrel Nut - (54803200)



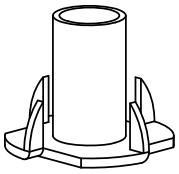


12pc. **LN2** -5/16" Lock Nut - (54303300)

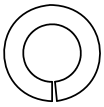
14pc. **FW10** - 3/8" Flat Washer -Narrow - (51103800)



82pc. **TN2** -5/16" T- Nut - (54503300)

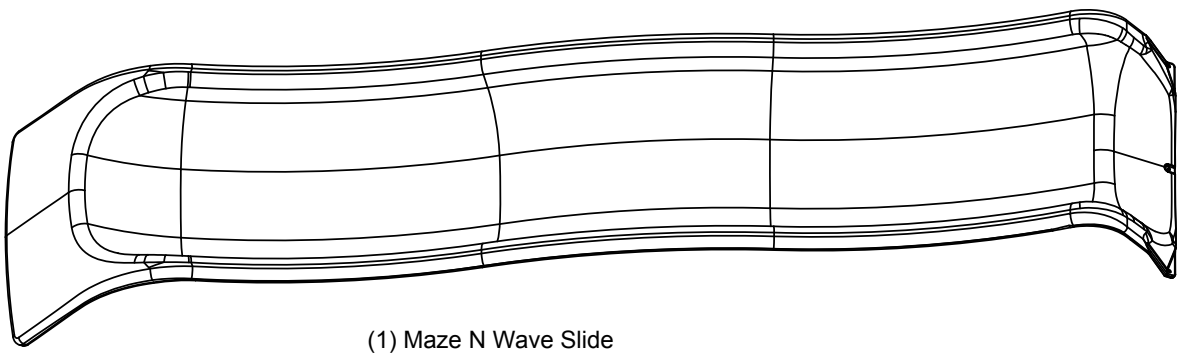


16pc. **LW2** - 5/16" Lock Washer - (51303300)



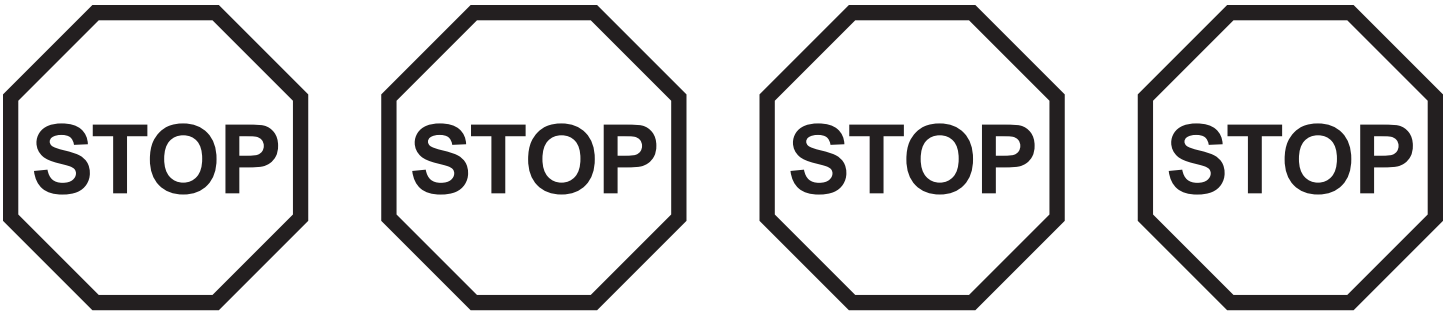
10pc. **LW1** - 1/4" Lock Washer - (51303200)

Accessory Identification (Reduced Size)



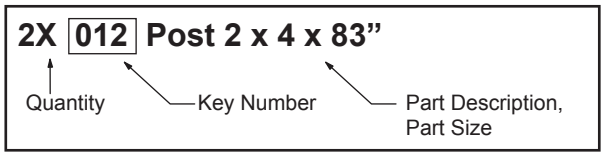
(1) Maze N Wave Slide

First Step: Inventory Parts - Read This Before Starting Assembly



A. This is the time for you to inventory all your hardware, wood and accessories, referencing the parts identification sheets. This will assist you with your assembly.

- The wood pieces will have the key number stamped on the ends of the boards. Organize the wood pieces by step, as per the key numbering system below.



Key Number: The first two digits represent the step number. The third digit represents the piece. Note that if the part is used in multiple steps then the number only reflects the first step it is used in.

- Please refer to Page 6 for proper hardware assembly.
- Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.

B. If there are any missing or damaged pieces or you need assistance with assembly please contact the consumer relations department directly. Call us before going back to the store.

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C. Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 1 - 6.

D. Before you discard your cartons fill out the form below.

- The carton I.D. stamp is located on the end of each carton. The tracking number is located on the Cedar Summit ID Plaque (9320357).
- Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: **F25650**

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 1)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 2)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 3)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 4)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 5)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 6)

TRACKING NUMBER (from ID Plaque): _____

Step 1: Sand and Water Table Assembly Part 1

A: Loosely attach 1 (011) Box End to 2 (010) Box Legs using 2 (WB2) 5/16 x 1-3/8" Wafer Bolts (with flat washer and t-nut), as shown in fig. 1.1 and 1.2. Make sure (011) Box End is level and flush with ends of each (010) Box Leg and the pilot holes in each (010) Box Leg are on the outside.

B: Loosely attach 1 (012) Box Ground to the (010) Box Legs using 4 (WB2) 5/16 x 1-3/8" Wafer Bolts (with flat washer and t-nut), as shown in fig. 1.1 and 1.2. Make sure (012) Box Ground is flush to the end of one (010) Box Leg.

C: Repeat Steps A and B to create a second Box End Assembly so it is opposite to the first Box End Assembly. (fig. 1.1 and 1.2.)

Fig. 1.1

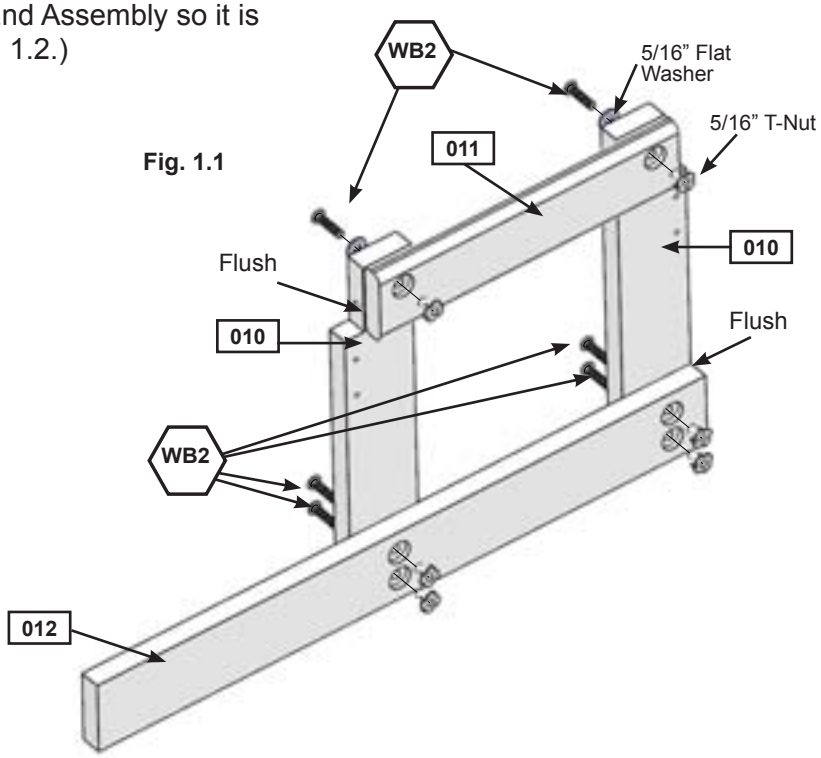
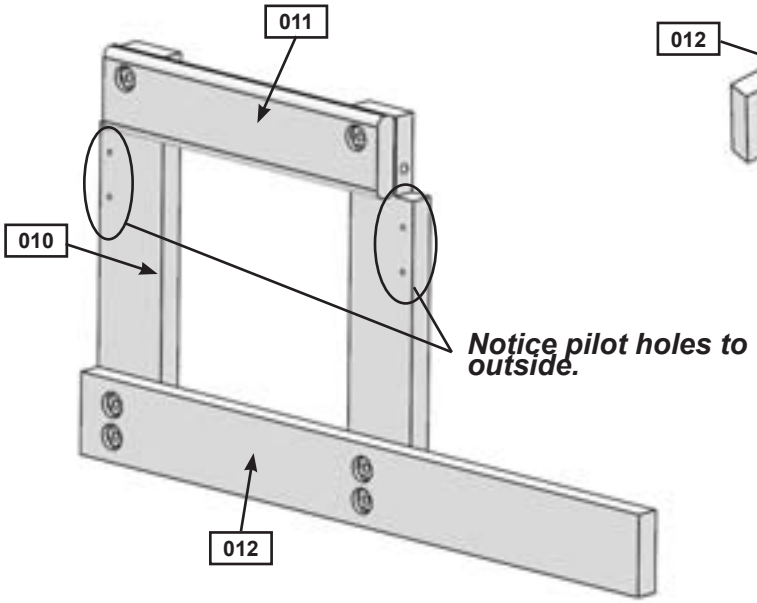


Fig. 1.2



Wood Parts

- 4 x [010] Box Leg FSC 5/4 x 4 x 16"
- 2 x [011] Box End FSC 5/4 x 4 x 14-1/4"
- 2 x [012] Box Ground FSC 5/4 x 4 x 28"

Hardware

- 12 x (WB2) 5/16 x 1-3/8" Wafer Bolt (5/16" flat washer, 5/16" t-nut)

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Step 1: Sand and Water Table Assembly Part 2

D: With assistance from another adult, place 2 (013) Box Sides on the notched out edges of the (010) Box Legs so they are flush to the outside edges of legs and loosely attach using 2 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut) per board, as shown in fig. 1.3, 1.4 and 1.5.

E: Make sure the assembly is square then attach both (013) Box Sides to each (011) Box End using 2 (S15) #8 x 1-3/4" Wood Screws per end, as shown in fig. 1.6.

Fig. 1.5

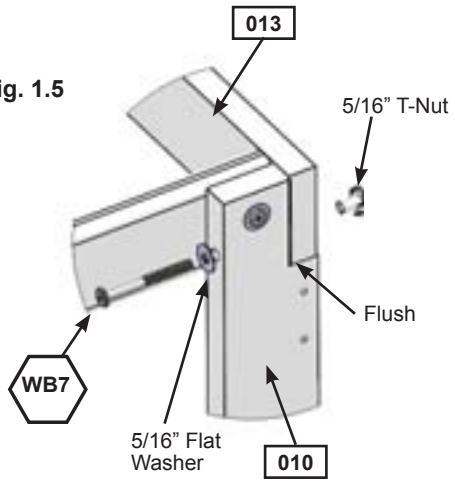
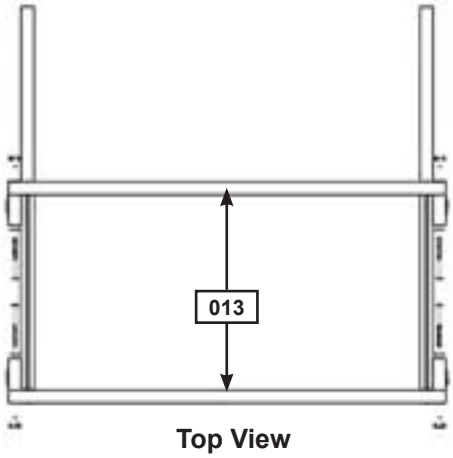


Fig. 1.3



Top View

Fig. 1.4

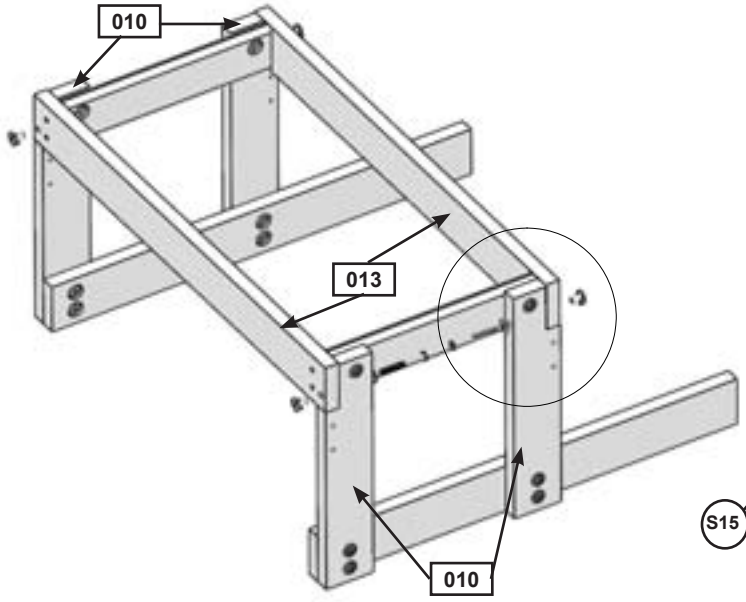
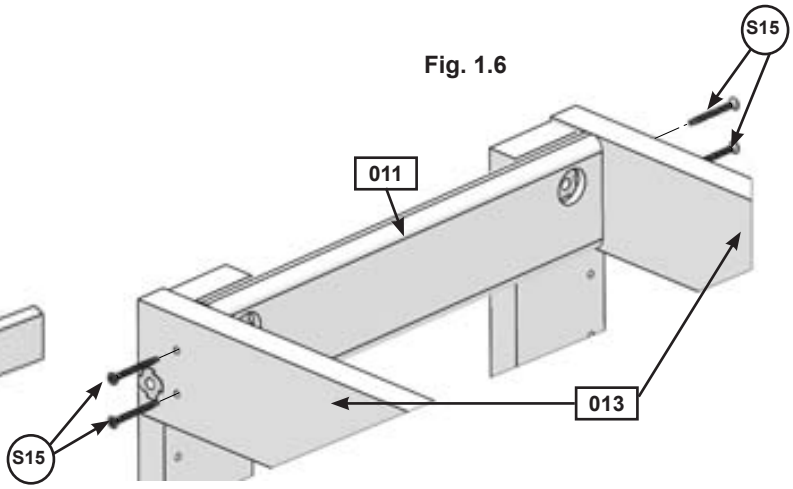


Fig. 1.6



Wood Parts

2 x 013 Box Side FSC 5/4 x 4 x 32"

Hardware

8 x S15 #8 x 1-3/4" Wood Screw

4 x WB7 5/16 x 3" Wafer Bolt (5/16" flat washer, 5/16" t-nut)

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Step 1: Sand and Water Table Assembly Part 3

F: Turn the Table Assembly upside down and double check the assembly is still square.

G: On the inside of each front (010) Box Leg, and flat against (013) Box Side, attach 1 (014) Box Gusset to each front (010) Box Leg using 1 (S15) #8 x 1-3/4" Wood Screw in the top hole and 1 (S3) #8 x 2-1/2" Wood Screw in the bottom hole, per gusset. (fig. 1.7)

H: Attach both (014) Box Gussets to (013) Box Side with 1 (S20) #8 x 1-3/8" Wood Screw and 1 (S3) #8 x 2-1/2" Wood Screw per gusset, as shown in fig. 1.8.

Fig. 1.7

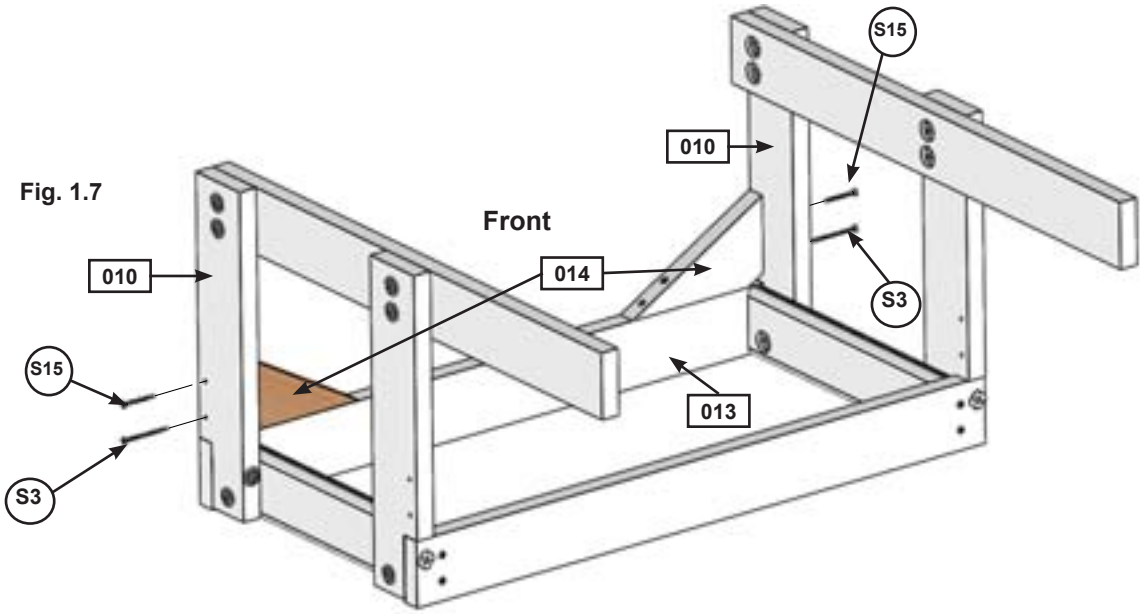
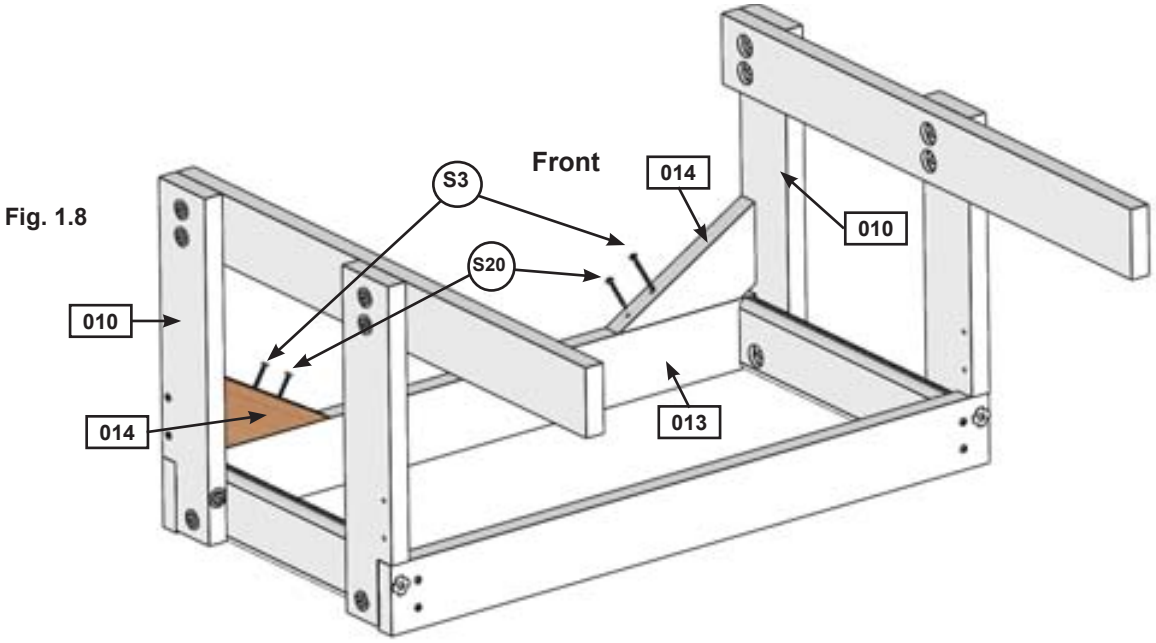


Fig. 1.8



Wood Parts

2 x 014 **Box Gusset FSC 5/4 x 4 x 8-1/2"**

Hardware

2 x S15 **#8 x 1-3/4" Wood Screw**

4 x S3 **#8 x 2-1/2" Wood Screw**

2 x S20 **#8 x 1-3/8" Wood Screw**

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Step 1: Sand and Water Table Assembly Part 4

I: Turn the Table Assembly right side up.

J: Place the Sand and Water Insert into the opening of the assembly then tighten all the bolts. (fig. 1.9)

K: Secure the Sand and Water Insert to the assembly using 6 (S13) #6 x 5/8" Pan Screws as shown in fig. 1.10 and 1.11.

L: Place the Seat over the Sand and Water Insert.

Fig. 1.9

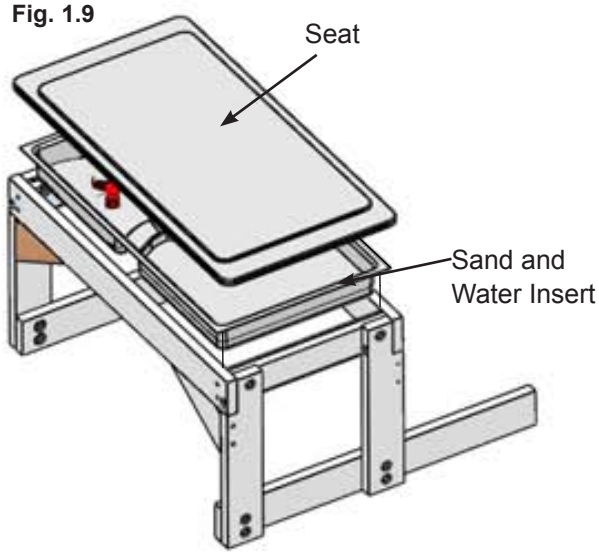


Fig. 1.10

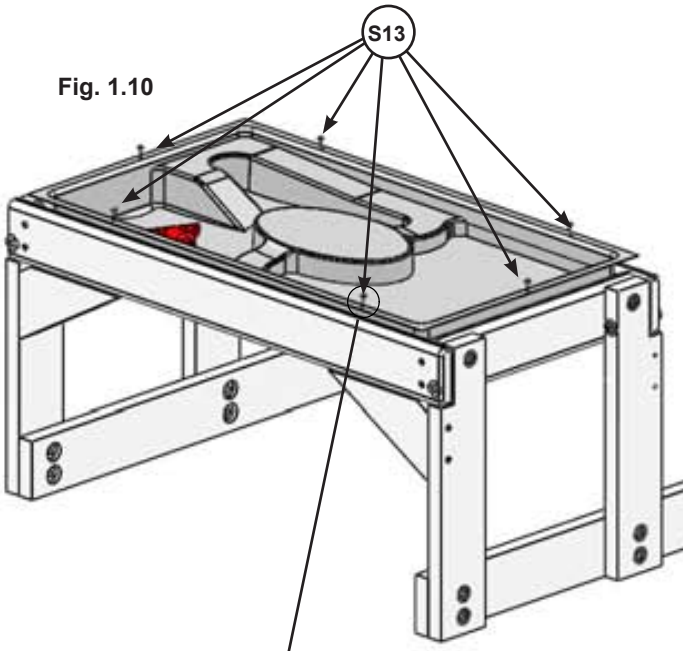


Fig. 1.11

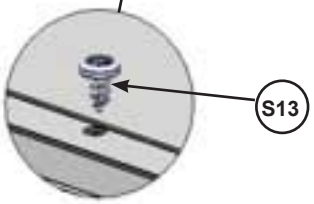
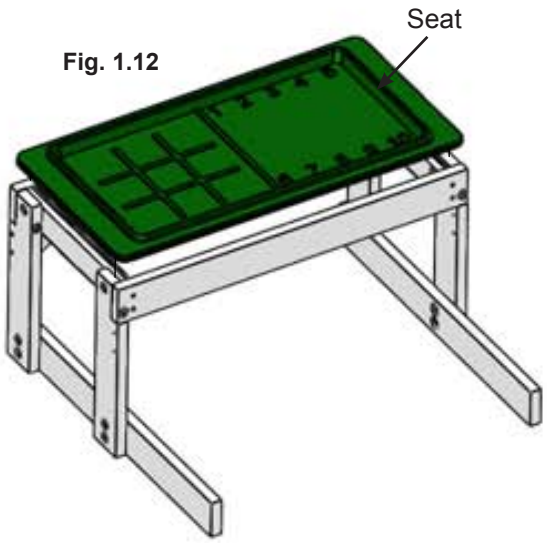


Fig. 1.12



Hardware

6 x (S13) #6 x 5/8" Pan Screw

Other Parts

1 x Seat

1 x Sand and Water Insert

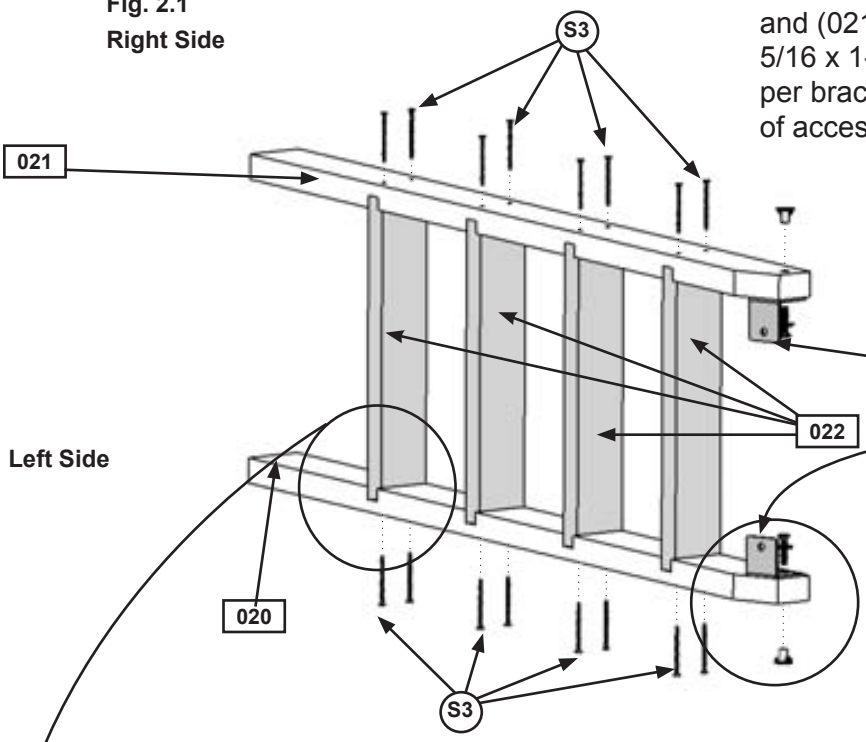
Step 2: Access Ladder / Rockwall Assembly Part 1

A: Place (020) Left Access Rail on left hand side of 4 (022) Ladder Treads and (021) Right Access Rail on right hand side with the grooves facing in. (fig. 2.1)

B: Fit each (022) Ladder Tread into grooves on both (020) and (021) Access Rails, make sure the top edge of the treads are flush to the front of the Access rails. (fig. 2.1 and 2.2)

C: Pre-drill pilot holes with a 1/8" drill bit and attach Rails and Ladder Treads together using 4 (S3) #8 x 2-1/2" Wood Screws per tread. (fig. 2.1)

Fig. 2.1
Right Side



D: Attach Swing Brackets to the inside top of (020) and (021) Access Rails at angled edge using 1 (WB2) 5/16 x 1-3/8" Wafer Bolt (with flat washer and t-nut) per bracket. Edge of Swing Bracket is flush with edge of access rails. (fig. 2.1 and 2.3)

Fig. 2.2
End View

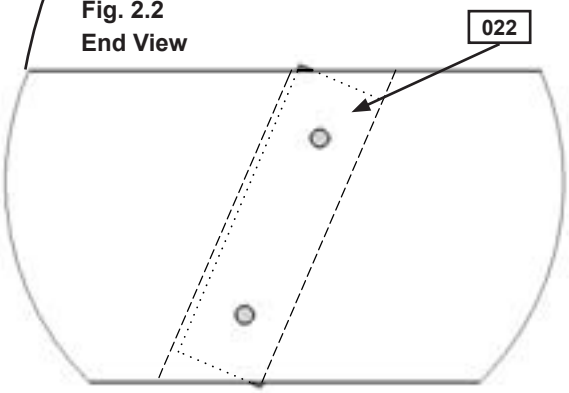
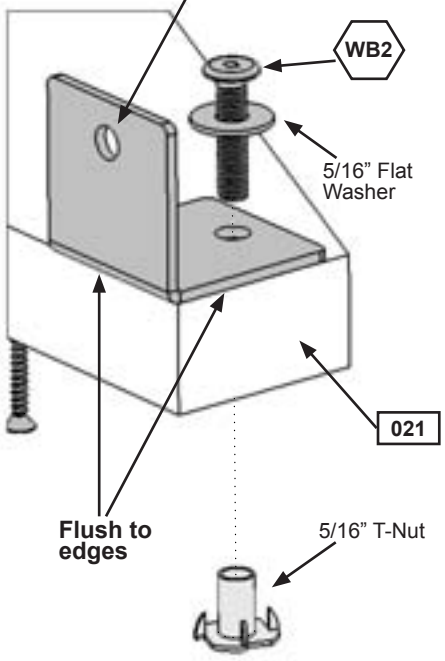


Fig. 2.3

Top of Ladder View



Wood Parts	Hardware	Other Parts
1 x 020 Left Access Rail FSC 2 x 4 x 62-7/8"	16 x S3 #8 x 2-1/2" Wood Screw	2 x Swing Bracket
1 x 021 Right Access Rail FSC 2 x 4 x 62-7/8"	2 x WB2 5/16 x 1-3/8" Wafer Bolt (5/16" flat washer, 5/16" t-nut)	
4 x 022 Ladder Tread FSC 5/4 x 4 x 13-3/4"		

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Step 2: Access Ladder / Rockwall Assembly Part 2

E: Place (023) Ladder Gap on each access rail so there is a 2-3/8” gap between (023) Ladder Gap and the top (022) Ladder Tread. Attach using 4 (S20) #8 x 1-3/8” Wood Screws. (fig. 2.4 and 2.5)

F: Place (024) Rock Rail on the ground next to (021) Right Access Rail so it matches the orientation of the two access rails as shown in fig. 2.6. Attach (025) Top Ladder to top of Access Ladder assembly and (024) Rock Rail using 3 (S3) #8 x 2-1/2” Wood Screws. Notice that the holes in the board are towards the top and notched end is at (024) Rock Rail. (fig. 2.6)

G: Attach 1 Swing Bracket to the top angled edge of (024) Rock Rail, making sure the bracket faces out. Use 1 (WB2) 5/16 x 1-3/8” Wafer Bolt (with flat washer and t-nut). (fig. 2.6)

Fig. 2.4

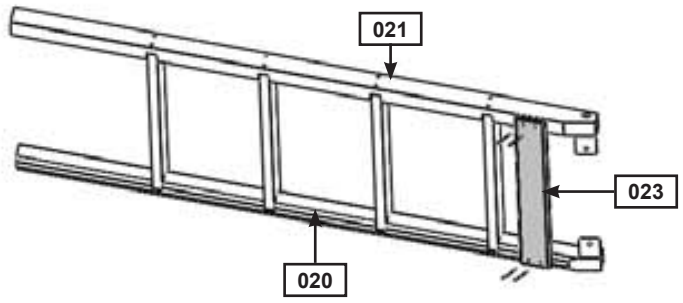


Fig. 2.5

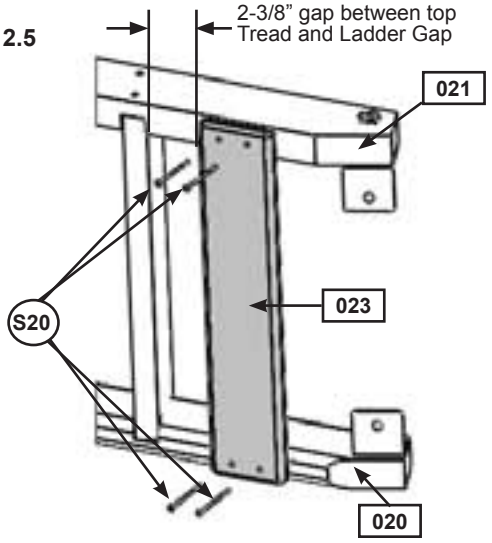
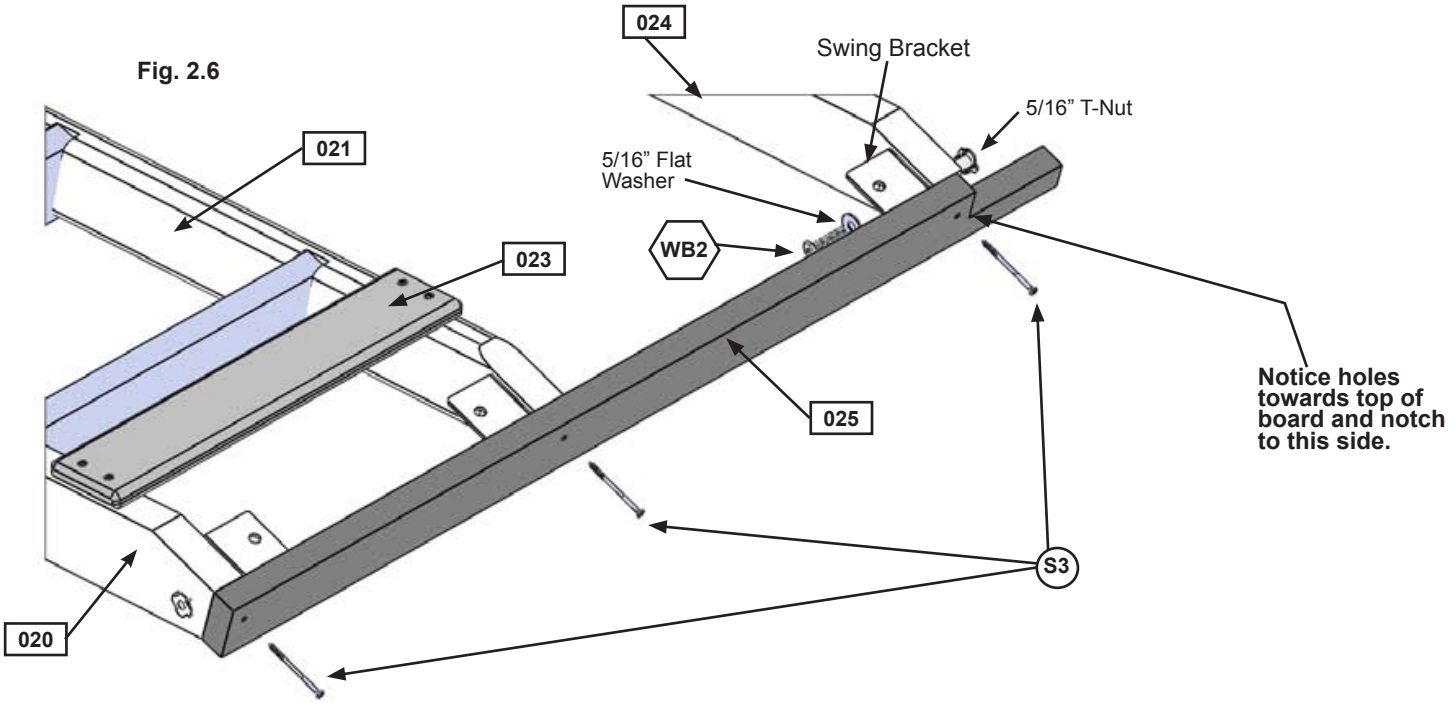


Fig. 2.6



Wood Parts

- 1 x 023 Ladder Gap FSC 1 x 4 x 15”
- 1 x 024 Rock Rail FSC 2 x 4 x 62-7/8”
- 1 x 025 Top Ladder FSC 5/4 x 3 x 34-1/4”

Hardware

- 3 x S3 #8 x 2-1/2” Wood Screw
- 1 x WB2 5/16 x 1-3/8” Wafer Bolt (5/16” flat washer, 5/16” t-nut)
- 4 x S20 #8 x 1-3/8 ” Wood Screw

Other Parts

- 1 x Swing Bracket

Step 3: Rockwall Assembly Part 1

A: Place (030) Board Access at top of the Access Ladder/Rockwall Assembly and (031) Rock Bottom at the bottom of the assembly as shown in fig. 3.1. Then place (032) Rock Board A, (033) Rock Board B, (034) Rock Board C and (035) Rock Board D as shown in fig. 3.1. Do not screw boards down yet. Rock holes are to be staggered so they do not form a straight line and are at the top of the boards. ***Note: Rock Boards are to be flush to (021) Right Access Rail and pilot holes are centred over (024) Rock Rail. (fig. 3.1)***

B: Make sure all boards fit together snugly and the assembly is square, then attach (030) Board Access and (031) Rock Bottom using 4 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 3.1)

C: Fasten all the other boards with 4 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 3.1)

D: Place EN71 Hand Rail 1" from front edge of (025) Top Ladder and on (020) Left Access Rail. **Pre-drill holes using a 3/16" drill bit** then attach EN71 Hand Rail using 2 (WL3) 1/4 x 1-3/8" Wafer Lags (with flat washer). (fig. 3.2 and 3.3)

Fig. 3.3

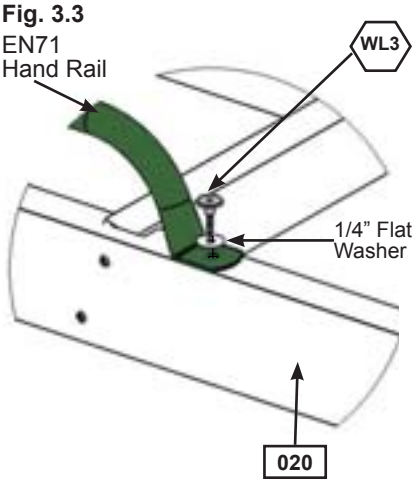


Fig. 3.1

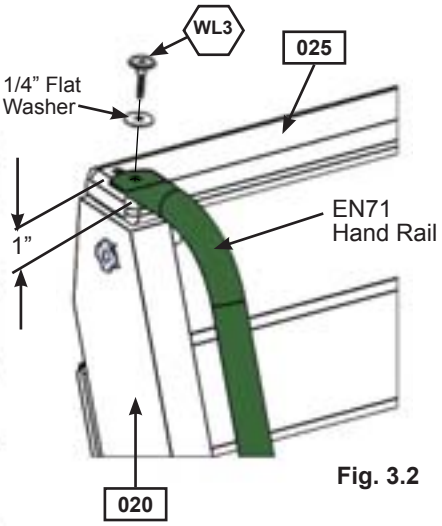


Fig. 3.2

IMPORTANT!
Follow hole pattern

Wood Parts

- 1 x 030 **Board Access FSC 1 x 4 x 20-1/2"**
- 1 x 031 **Rock Bottom FSC 1 x 6 x 20-1/2"**
- 3 x 032 **Rock Board A FSC 1 x 6 x 20-1/2"**
- 3 x 033 **Rock Board B FSC 1 x 6 x 20-1/2"**
- 2 x 034 **Rock Board C FSC 1 x 4 x 20-1/2"**
- 2 x 035 **Rock Board D FSC 1 x 6 x 20-1/2"**

Hardware

- 48 x S20 **#8 x 1-3/8" Wood Screw**
- 2 x WL3 **1/4 x 1-3/8" Wafer Lag (1/4" flat washer)**

Other Parts

- **1 x EN71 Hand Rail**

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Step 3: Rockwall Assembly
Part 2

E: Alternating colours and shapes, attach 1 rock to each rock board using 1 (PB2) 1/4 x 1-1/4” Pan Bolt (with lock washer, flat washer and barrel nut) and 1 (S10) #8 x 1” Pan Screw per rock. (fig. 3.4 and 3.5)

The Pan Screw is placed in the hole beneath the Pan Bolt. (fig. 3.4 and 3.5)

Note: Make sure all hardware is used to secure each rock properly.

Fig. 3.4

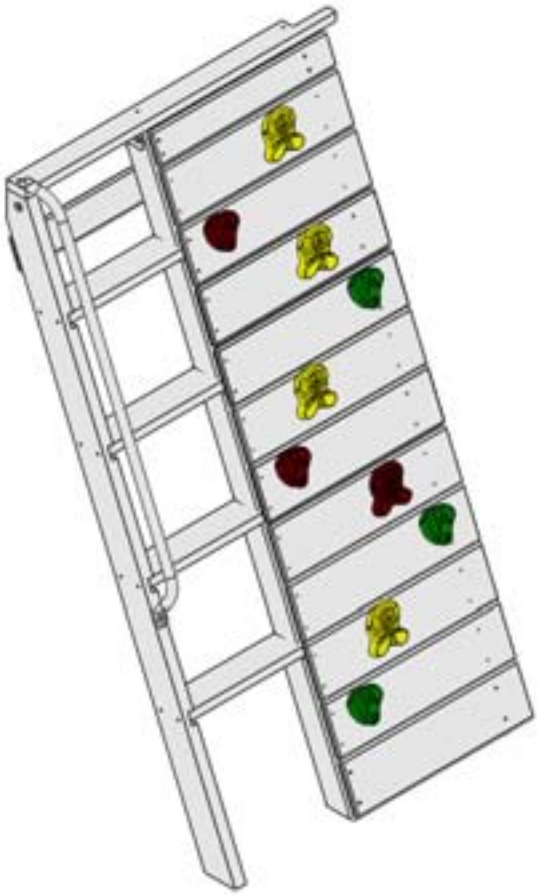
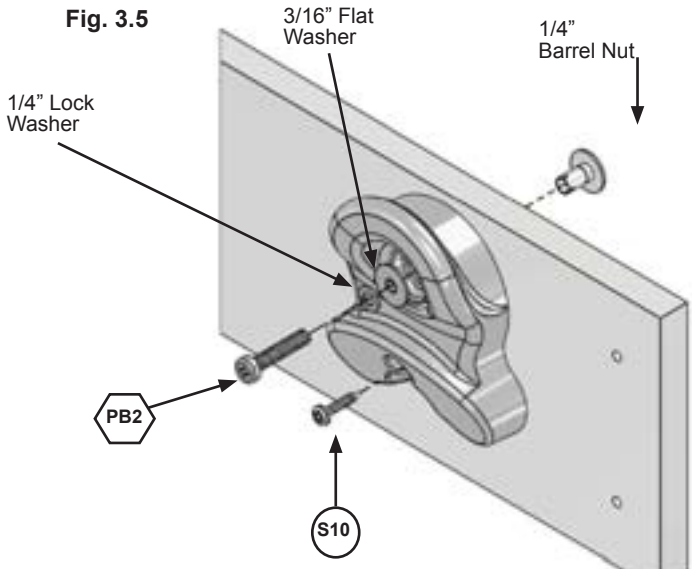


Fig. 3.5



Hardware

10 x PB2 1/4 x 1-1/4 Pan Bolt (1/4” lock washer, 3/16” flat washer & 1/4” barrel nut)

10 x S10 #8 x 1” Pan Screw

Other Parts

10 x Rocks (green/yellow/burgundy)

Step 4: Panel Preparation
Part 1

A: On the outside of (040) Cafe Wall Window Panel place 2 (041) Window Shutters on each side of both windows. This distance between the shutters should be 11”. (fig. 4.1 and 4.2)

B: Attach each (041) Window Shutter to (040) Cafe Wall Window Panel with 3 (TS) #6 x 30 mm Trim Screws per shutter. (fig. 4.2) ***Note: 2 outer Shutters need to be flush to outside edge of panel. (fig.4.2)***

Fig. 4.1

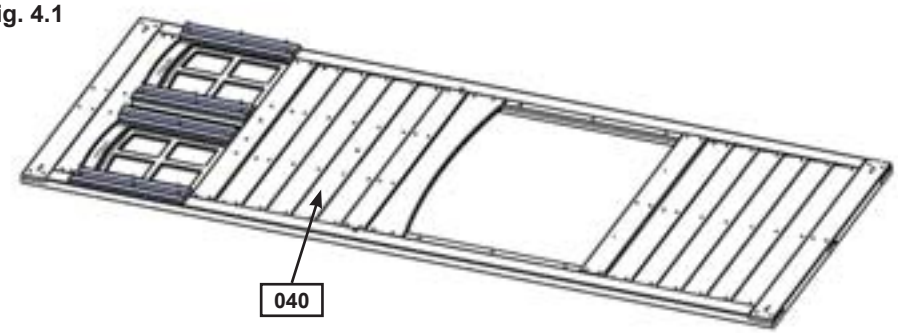
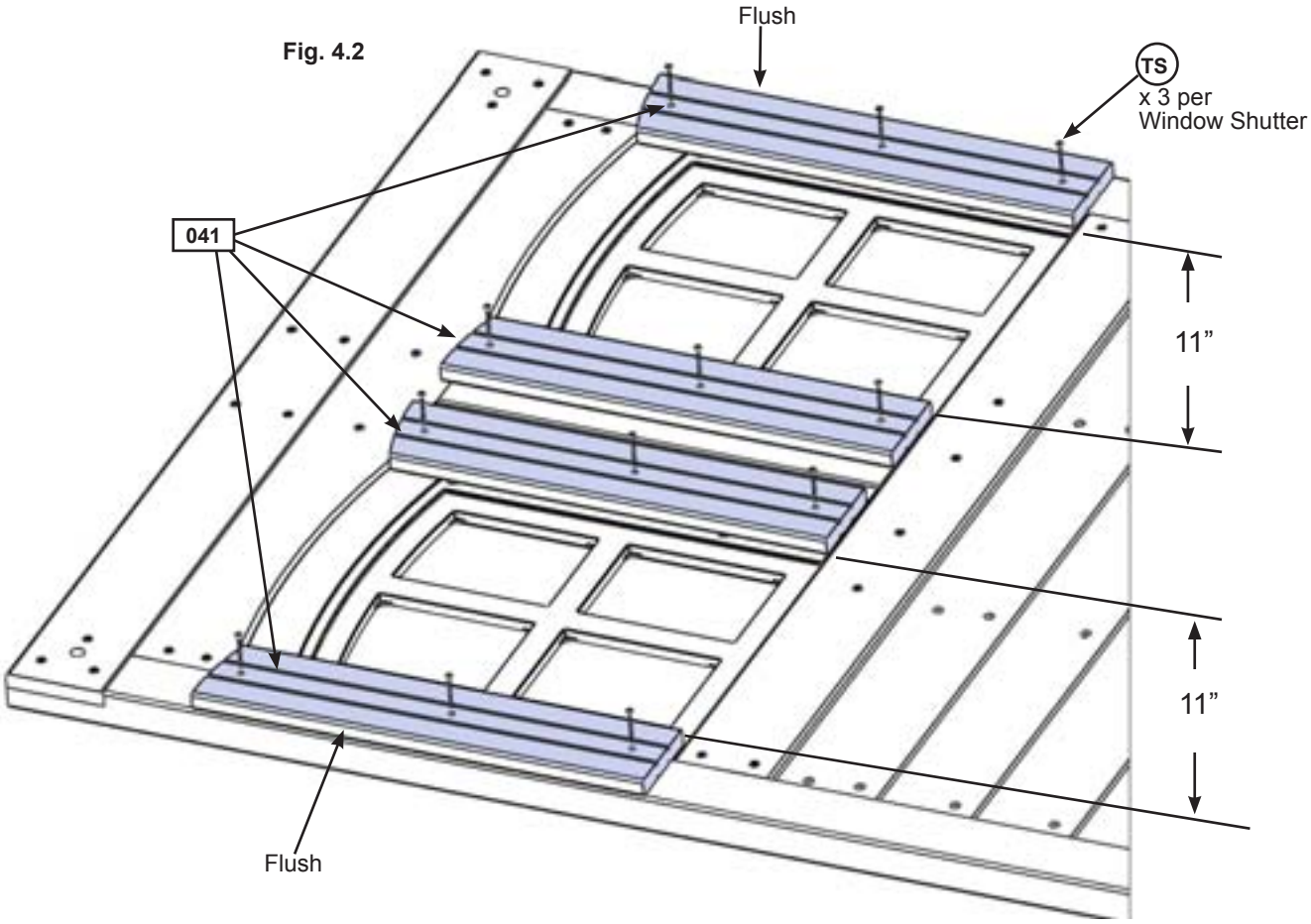


Fig. 4.2



Wood Parts

1 x 040 Cafe Wall Window Panel FSC 1-1/4 x 35-1/2 x 99”

4 x 041 Window Shutter FSC 5/8 x 3 x 15”

Hardware

12 x TS #6 x 30 mm Trim Screw

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Step 4: Panel Preparation
Part 2

C: Place the Clock on (040) Cafe Wall Window Panel lining the hole in the Clock to the hole in the 5th siding down from the top windows. Make sure the Clock is snug to the siding. Attach to (040) Cafe Wall Window Panel with 4 (S10) #8 x 1" Pan Screws. (fig. 4.3 and 4.4)

D: Insert the Clock Knob from the back of (040) Cafe Wall Window Panel through the hole in the siding, then with 1 person on the back of the panel and 1 on the front place the Hour Hand over the Clock Knob making sure they are lined up properly. Finally, press the Minute Hand over the Hour Hand. (fig. 4.5 and 4.6)

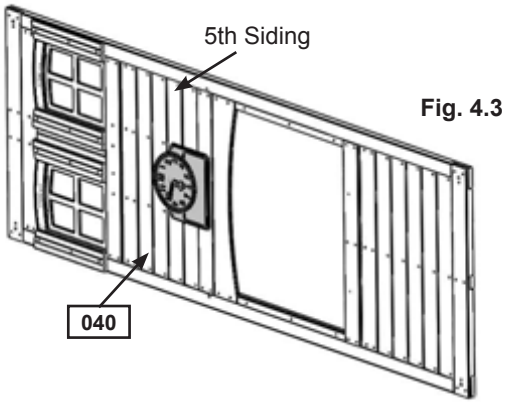


Fig. 4.3

Fig. 4.5

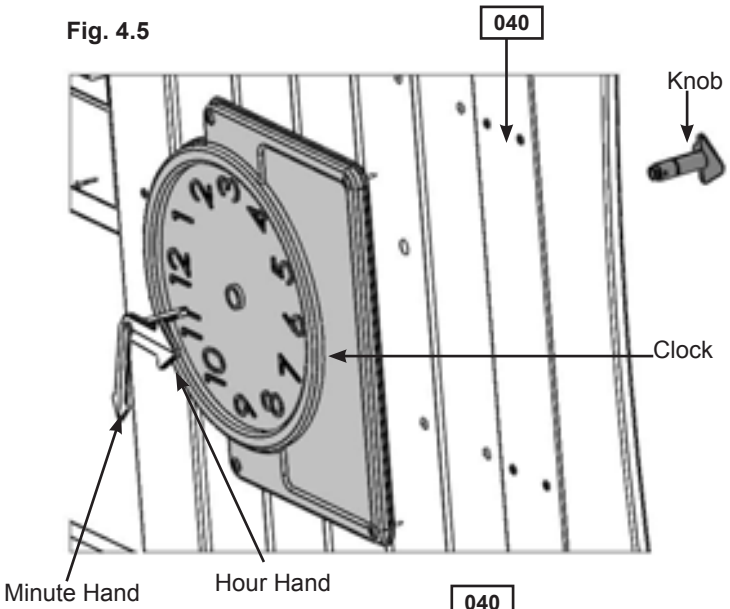


Fig. 4.6

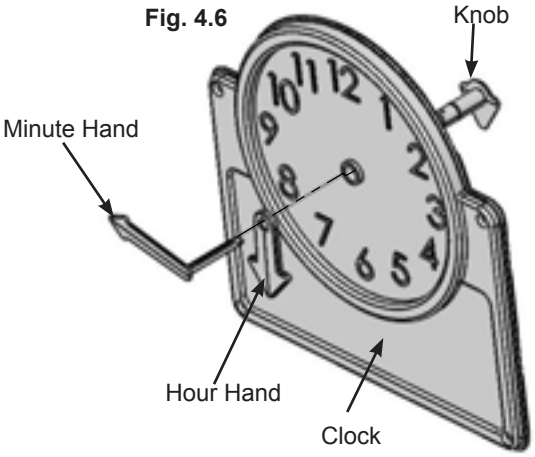
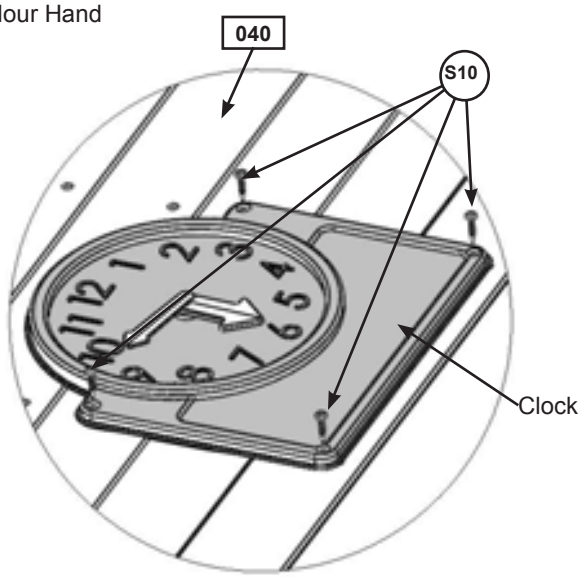


Fig. 4.4



Hardware

4 x (S10) #8 x 1" Pan Screw

Other Parts

1 x Clock Assembly

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Step 4: Panel Preparation
Part 3

E: From the back of (042) Chalkwall Panel place the Spin Chalk Sign in the opening so it sits tight to the panel. (fig. 4.7 and 4.8)

F: Attach Spin Chalk Sign to (042) Chalkwall Panel with 6 (S5) #8 x 1/2" Pan Screws. (fig. 4.8)

Fig. 4.7

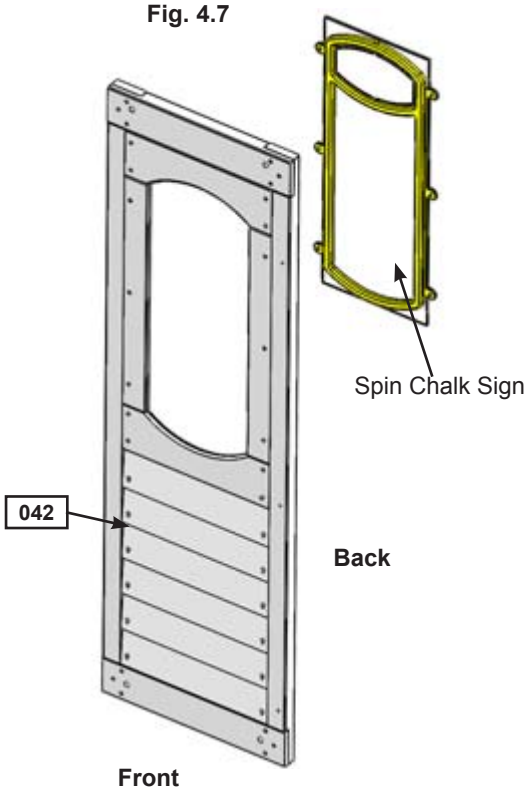
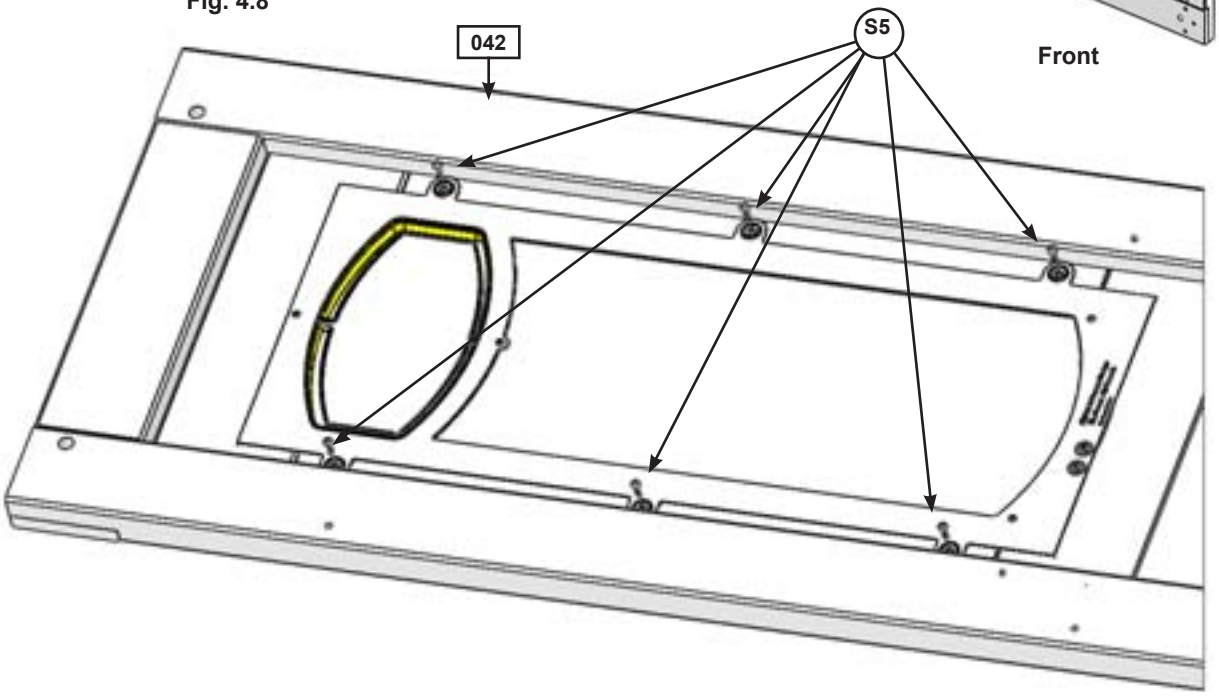


Fig. 4.8



Wood Parts	Hardware	Other Parts
1 x 042 Chalkwall Panel FSC 1-1/4 x 16-3/4 x 56"	6 x S5 #8 x 1/2" Pan Screw	1 x Spin Chalk Sign

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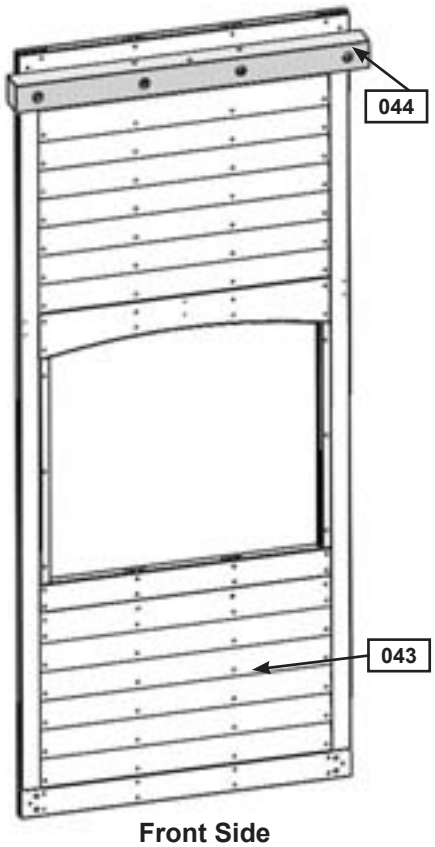
Step 4: Panel Preparation
Part 4

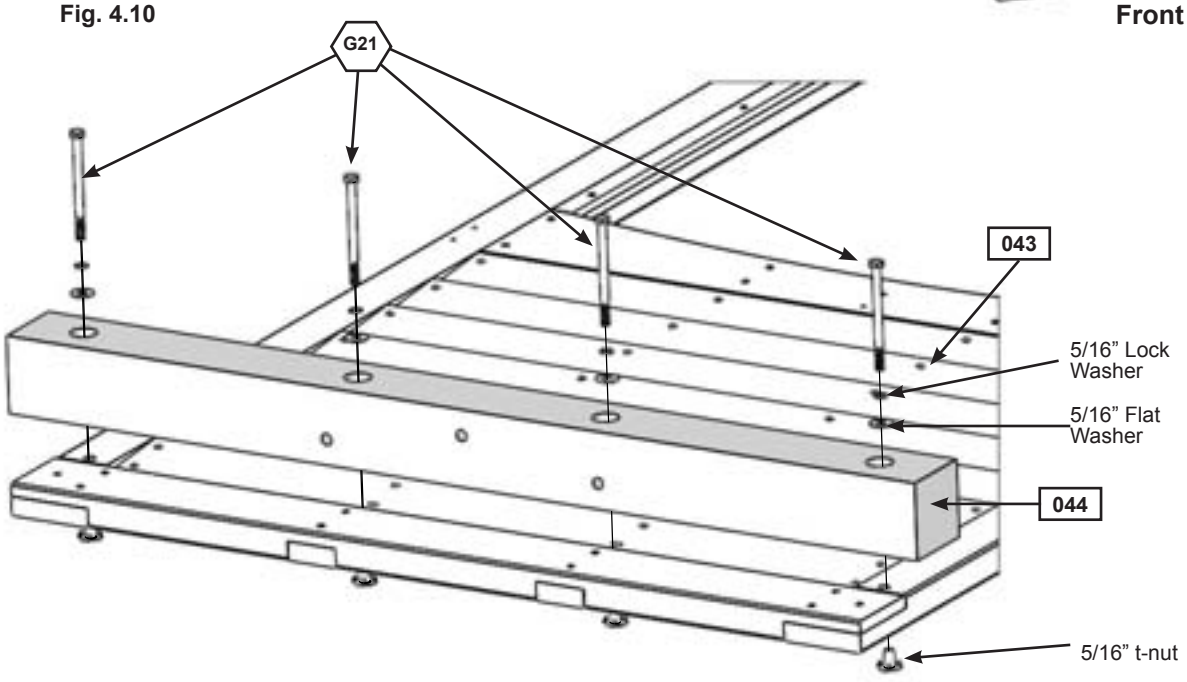
G: Place (044) SW Wall at the top of the front of (043) SW Side Panel and attach with 4 (G21) 5/16 x 3-3/4" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 4.9 and 4.10)

Fig. 4.9



Front Side

Fig. 4.10



Wood Parts

1 x 043 SW Side Panel FSC 1-1/4 x 36 x 87-1/4"

1 x 044 SW Wall FSC 4 x 4 x 38-1/2"

Hardware

4 x G21 5/16 x 3-3/4" Hex Bolt (5/16" lock washer, 5/16" flat washer & 5/16" t-nut)

Step 5: Swing Side Panel Assembly Part 1

A: Place 1 (050) Narrow Window Panel on the ground. Measure 3-1/4" up from the bottom of the panel on the left side and attach a 2 x 2-1/4" Corner Panel Bracket to the panel with 2 (S8) #12 x 3/4" Pan Screws. The flat edge of the bracket must be facing up and it must be installed on the correct side. (fig. 5.1 and 5.2)

B: Measure 84" from the bottom of (050) Narrow Window Panel and attach a second 2 x 2-1/4" Corner Panel Bracket with 2 (S8) #12 x 3/4" Pan Screws. The flat edge of the bracket must be facing up and it must be installed on the correct side. (fig. 5.1 and 5.2)

Note: Bottom of 2 x 2-1/4" Corner Panel Bracket must sit at 84".

Fig. 5.1

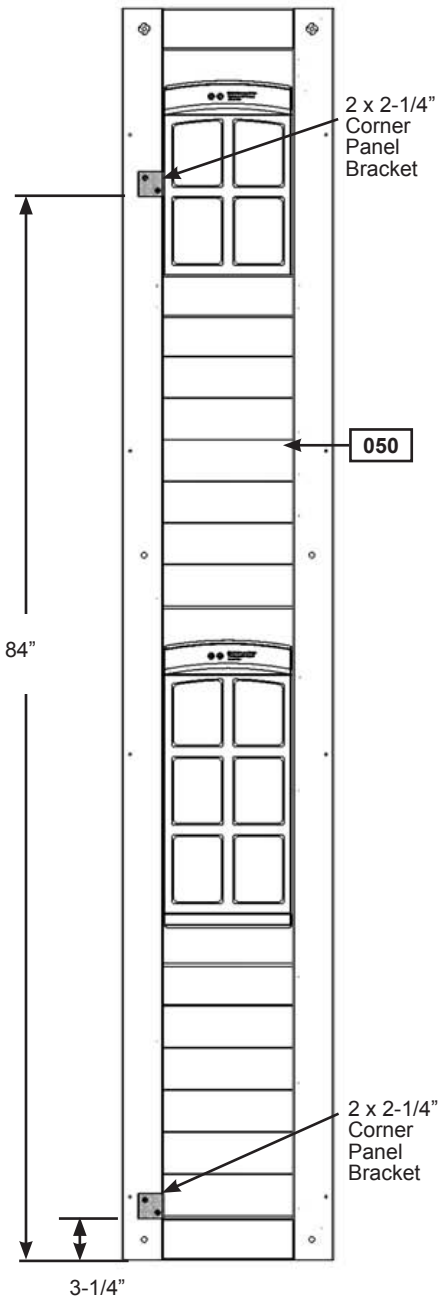
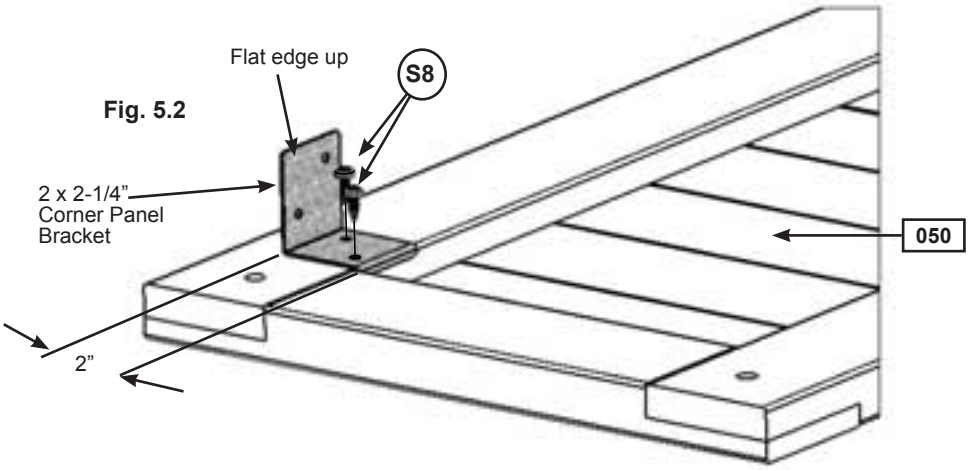


Fig. 5.2



Wood Parts

1 x 050 Narrow Window Panel FSC 1-1/4 x 16-3/4 x 99"

Hardware

4 x S8 #12 x 3/4" Pan Screw

Other Parts

2 x *2 x 2-1/4" Corner Panel Bracket*

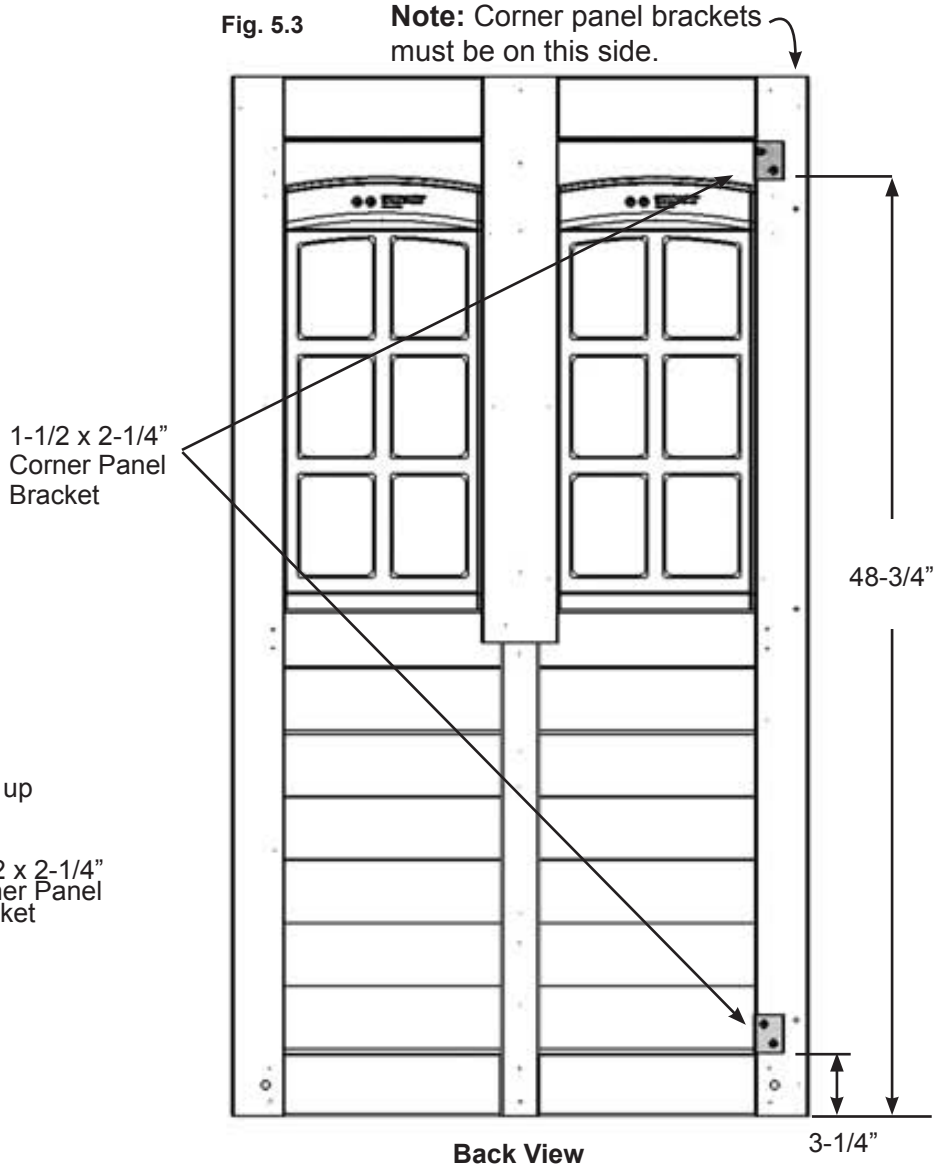
Step 5: Swing Side Panel Assembly Part 2

C: Place 1 (051) SL Side Window Panel on the ground. Measure 3-1/4" up from the bottom of the panel on the right side and attach a 1-1/2 x 2-1/4" Corner Panel Bracket to the panel with 2 (S8) #12 x 3/4" Pan Screws. The flat edge of the bracket must be facing up and it must be installed on the correct side. (fig. 5.3 and 5.4)

D: Measure 48-3/4" from the bottom of (051) SL Side Window Panel and attach a second 1-1/2 x 2-1/4" Corner Panel Bracket with 2 (S8) #12 x 3/4" Pan Screws. The flat edge of the bracket must be facing up and it must be installed on the correct side. (fig. 5.3 and 5.4)

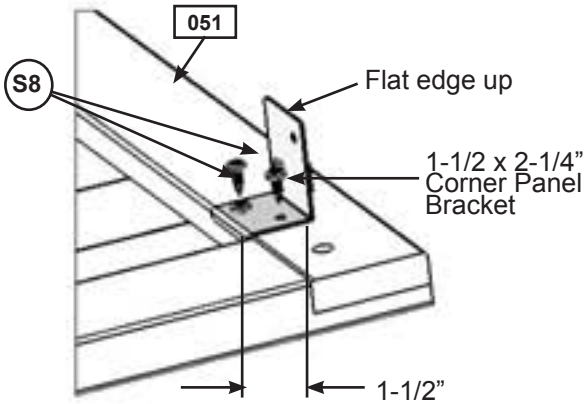
Note: Bottom of 1-1/2 x 2-1/4" Corner Panel Bracket must sit at 48-3/4".

Fig. 5.3



Back View

Fig. 5.4



Wood Parts

1 x 051 **SL Side Window Panel FSC 1-1/4 x 30 x 54-1/8"**

Hardware

4 x S8 **#12 x 3/4" Pan Screw**

Other Parts

2 x ***1-1/2 x 2-1/4" Corner Panel Bracket***

Step 5: Swing Side Panel Assembly Part 3

E: Lay (043) SW Side Panel from Step 4, Part 4 on the ground, then with a helper hold (050) Narrow Window Panel up against the right side edge of (043) SW Side Panel so the bottom edges are flush. (fig. 5.5)

F: Attach both Corner Panel Brackets to (043) SW Side Panel with 2 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 5.5, 5.6 and 5.7)

Fig. 5.5

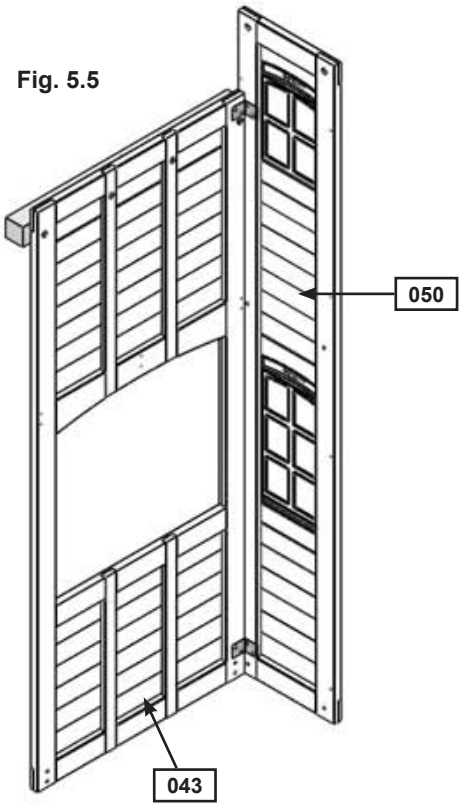


Fig. 5.7

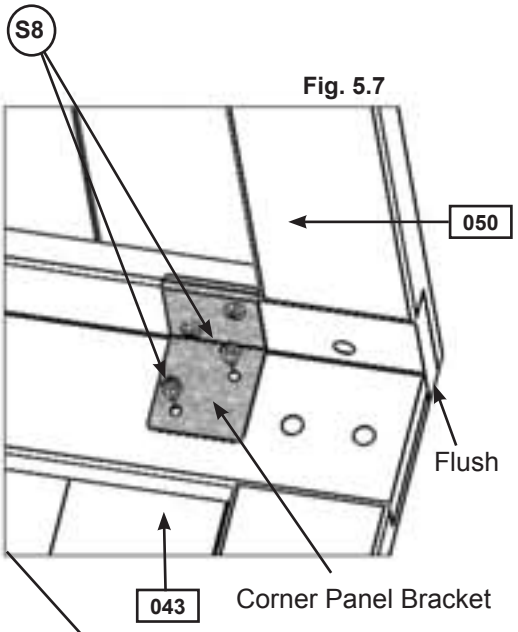
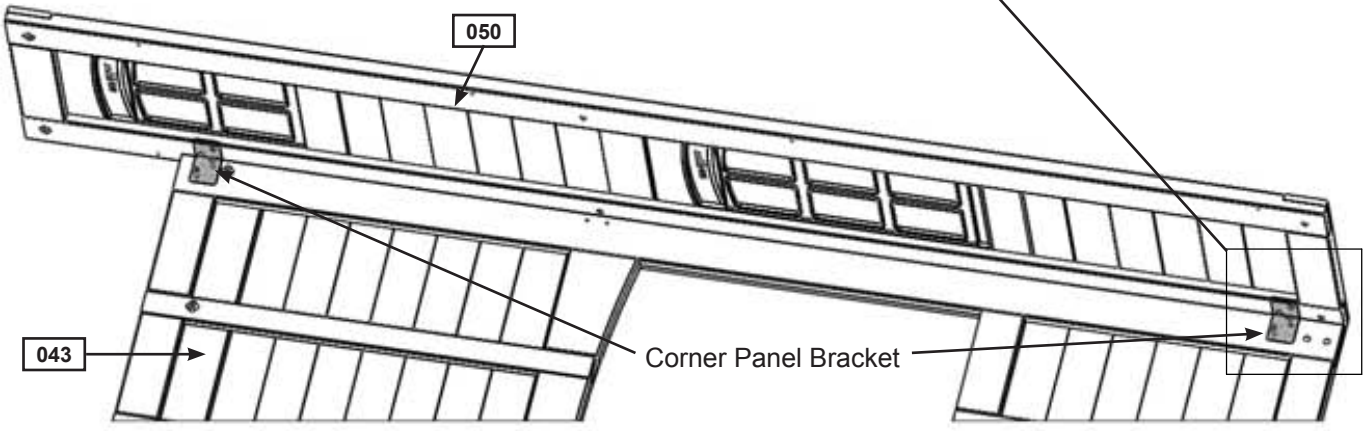


Fig. 5.6



Hardware

4 x (S8) #12 x 3/4" Pan Screw

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Step 5: Swing Side Panel Assembly Part 4

G: With a helper hold (051) SL Side Window Panel up against the left side edge of (043) SW Side Panel so the bottom edges are flush. Attach both Corner Panel Brackets to (043) SW Side Panel with 2 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 5.8 and 5.9)

Note: Make sure panels are square and flush to each other. (fig. 5.10)

H: Pre-drill with a 3/16" drill bit, then fasten the (050) Narrow Window Panel and (051) SL Side Window Panel to (043) SW Side Panel with 3 (WL5) 1/4 x 2-1/2" Wafer Lags per panel. (fig. 5.8)

Fig. 5.10

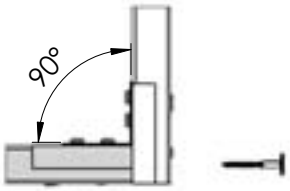


Fig. 5.9

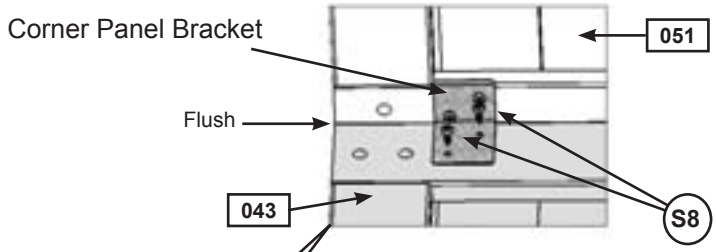
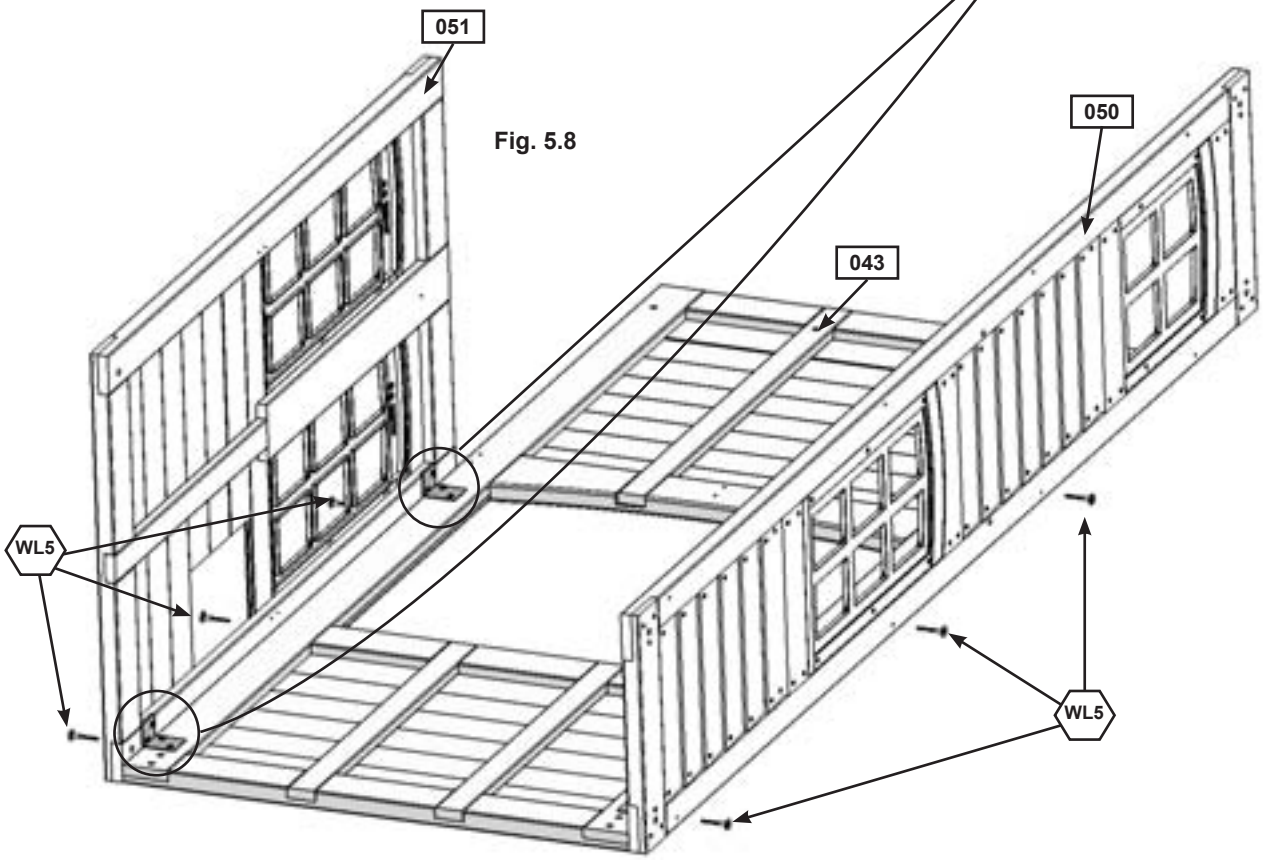


Fig. 5.8



Hardware

6 x (WL5) 1/4 x 2-1/2" Wafer Lag

4 x (S8) #12 x 3/4" Pan Screw

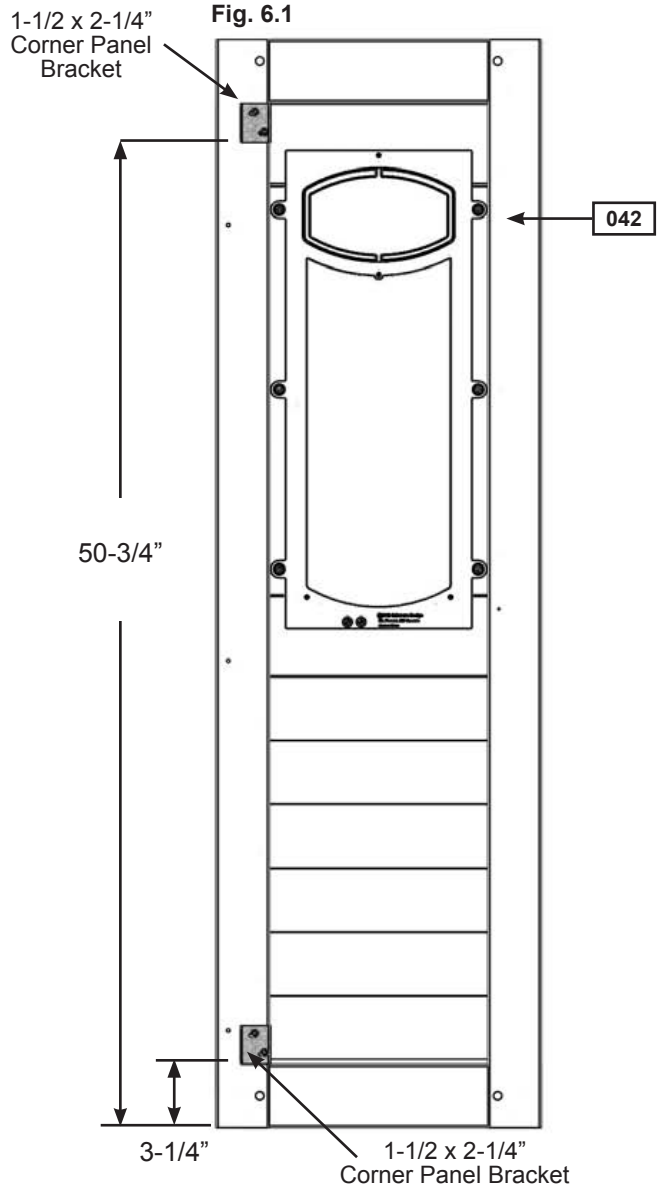
Step 6: Door Wall Assembly
Part 1

A: Place 1 (042) Chalkwall Panel from Step 4, Part 3 on the ground. Measure 3-1/4" up from the bottom of the panel on the left side and attach a 1-1/2 x 2-1/4" Corner Panel Bracket to the panel with 2 (S8) #12 x 3/4" Pan Screws. The flat edge of the bracket must be facing up and it must be installed on the correct side. (fig. 6.1 and 6.2)

B: Measure 50-3/4" from the bottom of (042) Chalkwall Panel and attach a second 1-1/2 x 2-1/4" Corner Panel Bracket with 2 (S8) #12 x 3/4" Pan Screws. The flat edge of the bracket must be facing up and it must be installed on the correct side. (fig. 6.1 and 6.2)

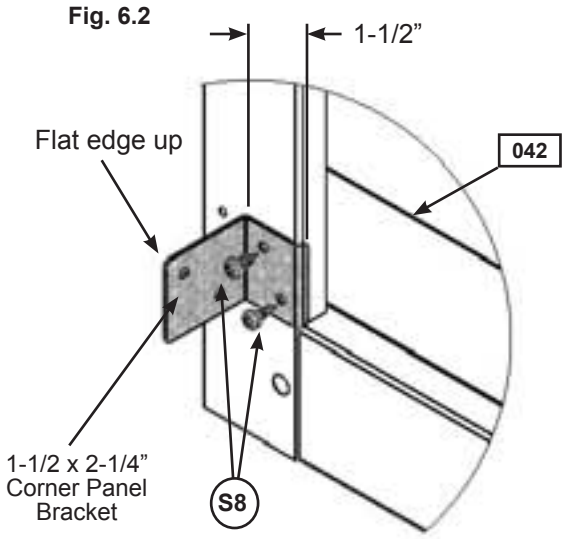
Note: Bottom of 1-1/2 x 2-1/4" Corner Panel Bracket must sit at 50-3/4".

Fig. 6.1



Back View

Fig. 6.2



Hardware

4 x (S8) **#12 x 3/4" Pan Screw**

Other Parts

2 x ***1-1/2 x 2-1/4" Corner Panel Bracket***

Step 6: Door Wall Assembly Part 2

C: Place 1 (060) Narrow Half Window Panel on the ground. Measure 3-1/4" up from the bottom of the panel on the right side and attach a 2 x 2-1/4" Corner Panel Bracket to the panel with 2 (S8) #12 x 3/4" Pan Screws. The flat edge of the bracket must be facing up and it must be installed on the correct side. (fig. 6.3 and 6.4)

D: Measure 50-3/4" from the bottom of (060) Narrow Half Window Panel and attach a second 2 x 2-1/4" Corner Panel Bracket with 2 (S8) #12 x 3/4" Pan Screws. The flat edge of the bracket must be facing up and it must be installed on the correct side. (fig. 6.3 and 6.4)

Note: Bottom of 2 x 2-1/4" Corner Panel Bracket must sit at 50-3/4".

Fig. 6.3

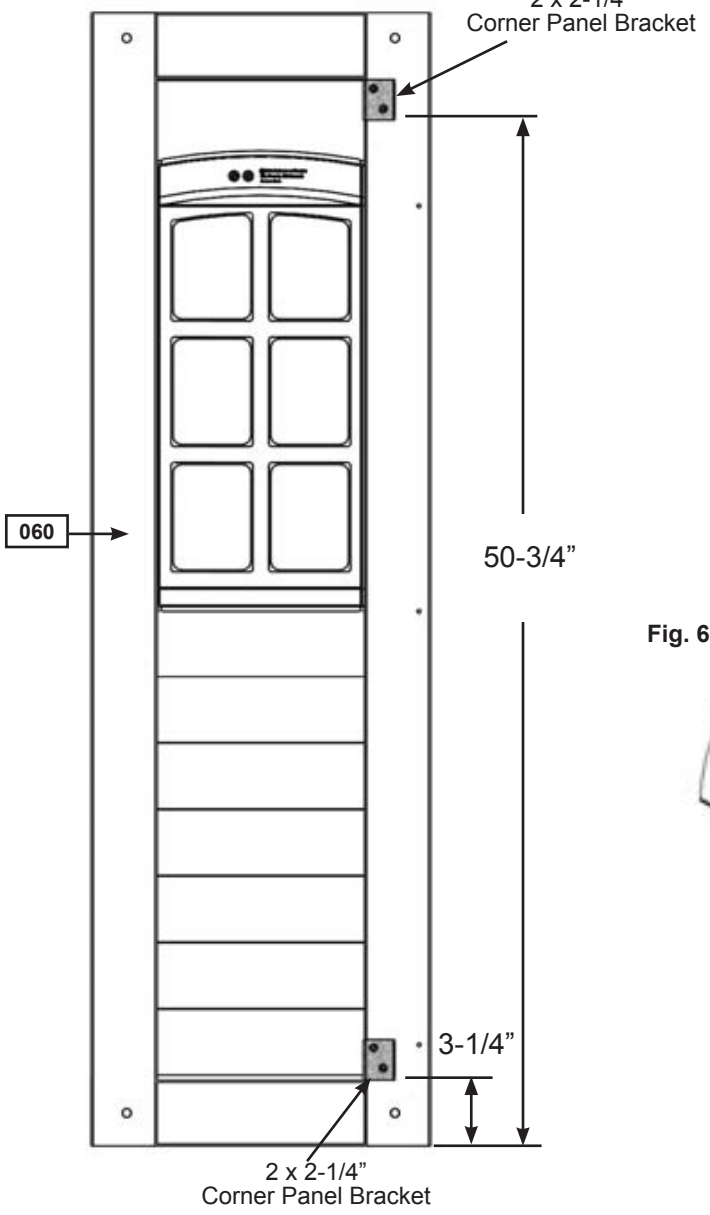
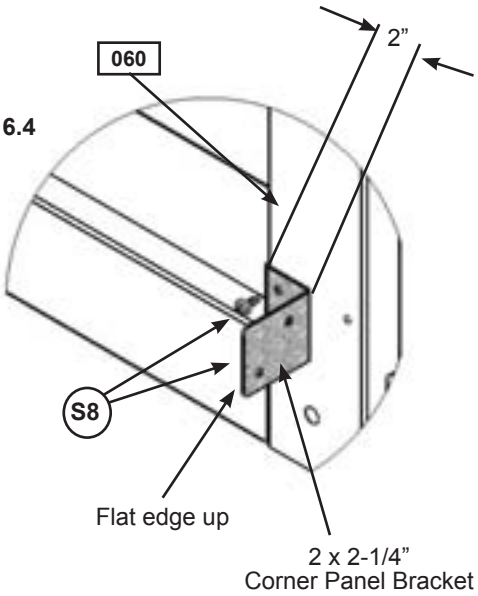


Fig. 6.4



Wood Parts	Hardware	Other Parts
1 x 060 Half Narrow Window Panel FSC 1-1/4 x 16-3/4 x 56"	4 x S8 #12 x 3/4" Pan Screw	2 x *2 x 2-1/4" Corner Panel Bracket*

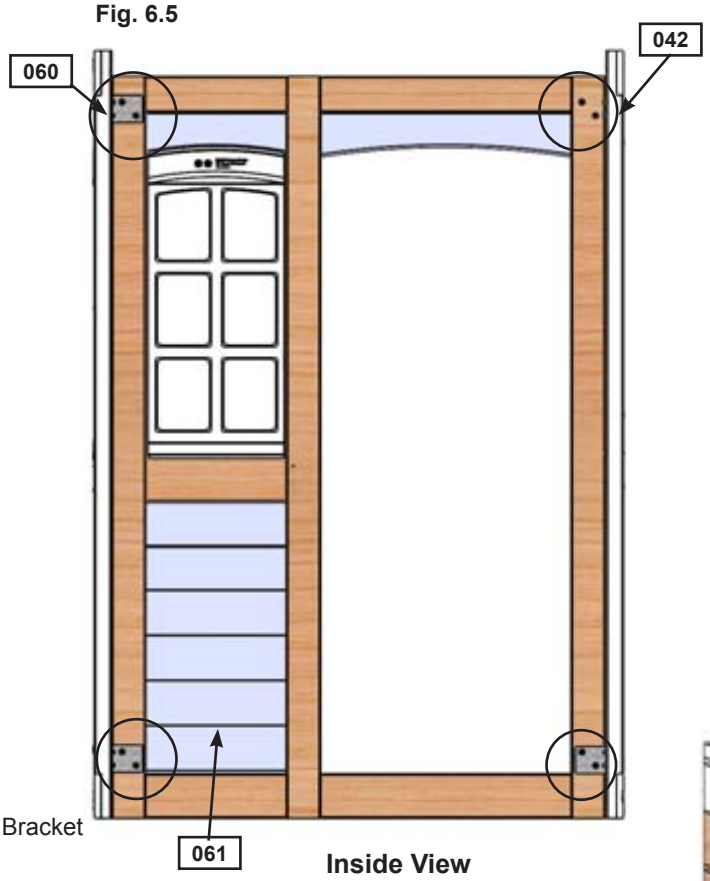
Step 6: Door Wall Assembly Part 3

E: Lay (061) Door Wall Window Panel on the ground, then with a helper hold (042) Chalkwall Panel up against the right side edge of (061) Door Wall Window Panel so the bottom edges are flush. (fig. 6.5)

F: Attach both Corner Panel Brackets to (061) Door Wall Window Panel with 2 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 6.5 and 6.7)

G: With a helper hold (060) Narrow Half Window Panel up against the left side edge of (061) Door Wall Window Panel so the bottom edges are flush. Attach both Corner Panel Brackets to (061) Door Wall Window Panel with 2 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 6.5 and 6.6)

Fig. 6.5



Inside View

Fig. 6.6

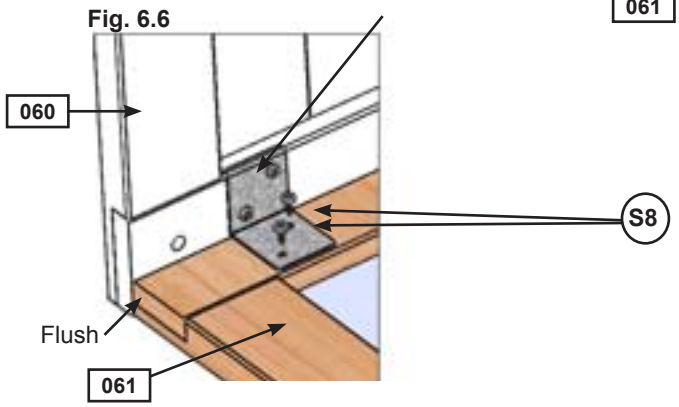
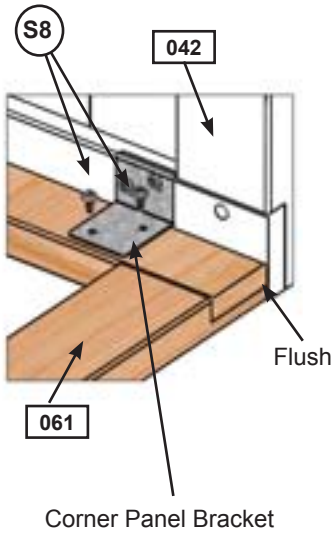


Fig. 6.7



Wood Parts

1 x 061 **Door Wall Window Panel FSC 1-1/4 x 36 x 54-1/8"**

Hardware

8 x S8 **#12 x 3/4" Pan Screw**

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Step 6: Door Wall Assembly
Part 4

Note: Make sure panels are square and flush to each other. (fig. 6.9)

H: Pre-drill with a 3/16” drill bit, then fasten (042) Chalkwall Panel and (060) Narrow Half Window Panel to (061) Door Wall Window Panel with 3 (WL5) 1/4 x 2-1/2” Wafer Lags per panel. (fig. 6.8)

Fig. 6.8

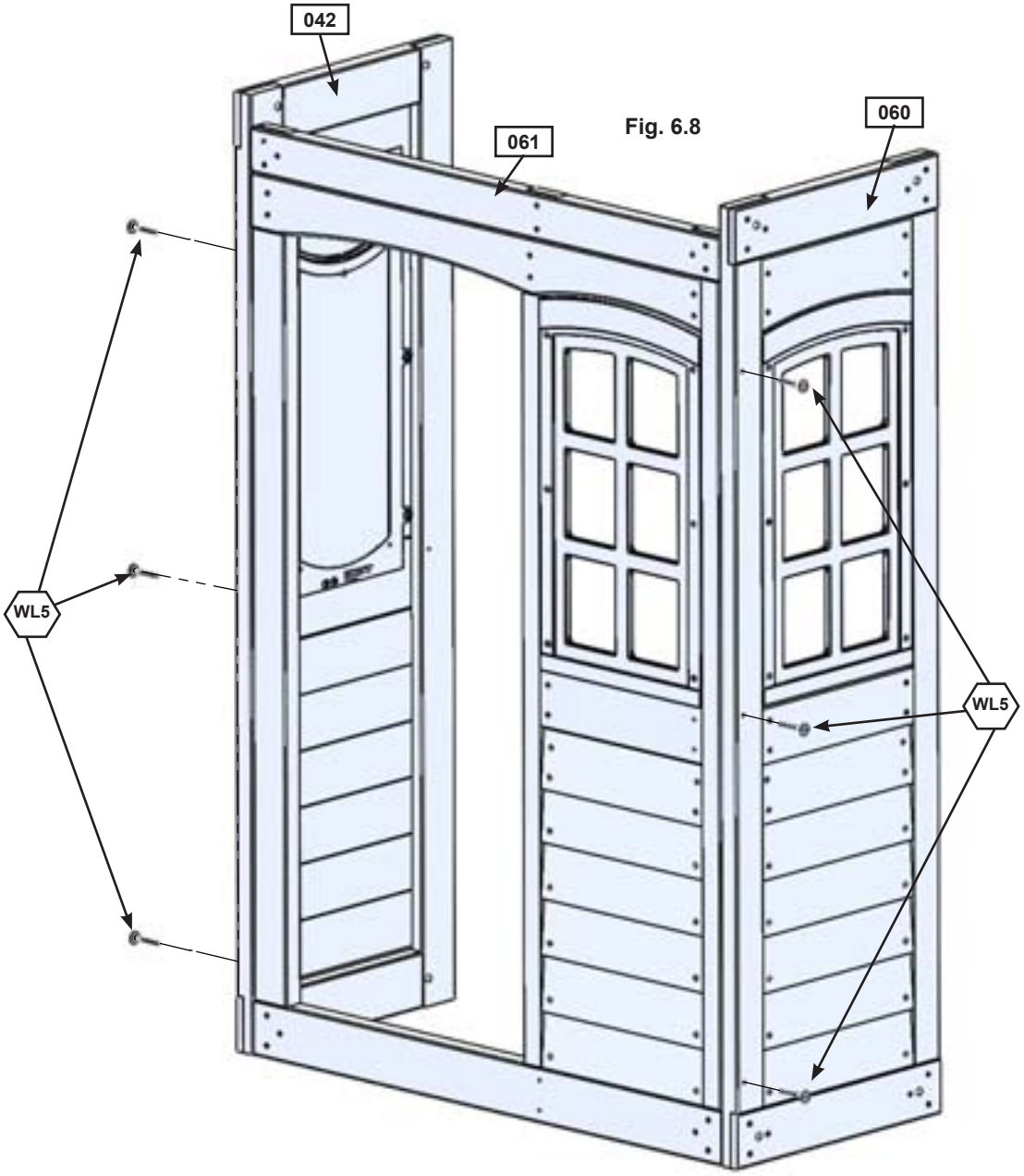
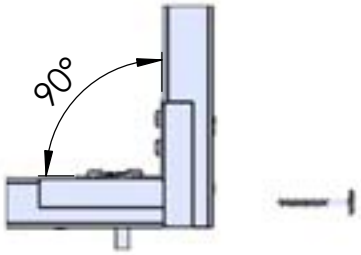


Fig. 6.9



Hardware

6 x WL5 1/4 x 2-1/2” Wafer Lag

Step 6: Door Wall Assembly
Part 5

I: Install 4 - 5/16” t-nuts in (062) Front Floor as shown in fig. 6.10.

J: Install 6 - 5/16” t-nuts in (063) Front Ground, (064) Back Floor and (065) Back Ground as shown in fig. 6.11, 6.12 and 6.13.

Fig. 6.10

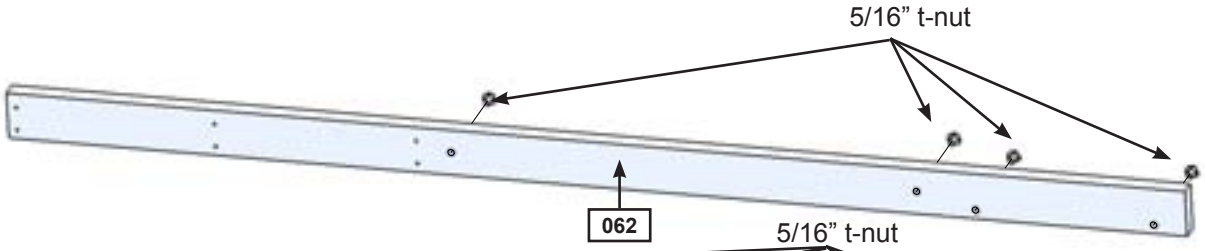


Fig. 6.11

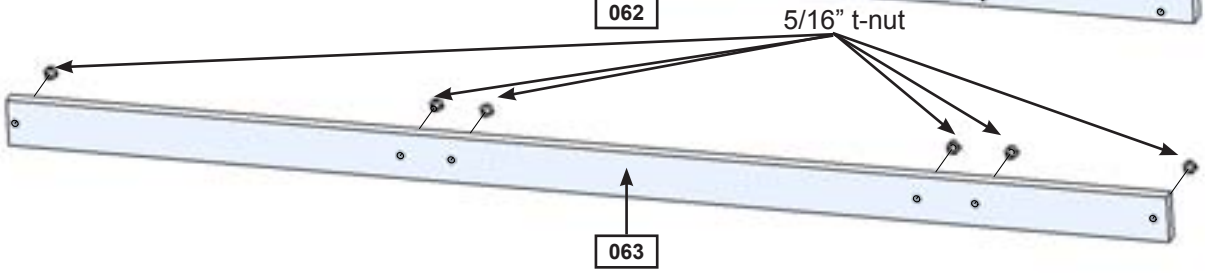


Fig. 6.12

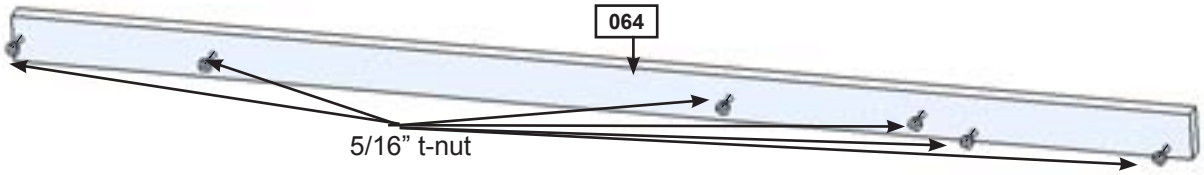
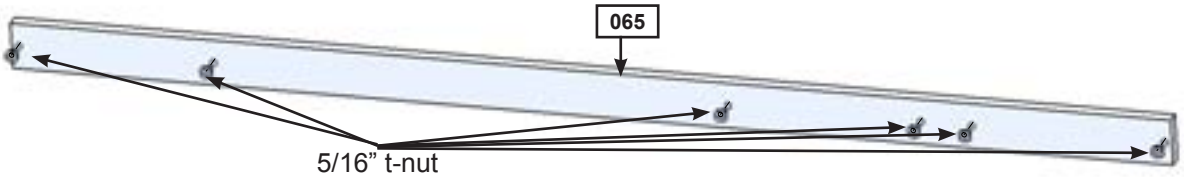


Fig. 6.13



Wood Parts		Hardware
1 x 062	Front Floor FSC 2 x 4 x 81”	22 x 5/16” T-Nuts
1 x 063	Front Ground FSC 5/4 x 4 x 79-3/4”	
1 x 064	Back Floor FSC 2 x 4 x 81”	
1 x 065	Back Ground FSC 5/4 x 4 x 79-3/4”	

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Step 6: Door Wall Assembly
Part 6

K: Starting at the bottom of the Door Wall Assembly, making sure the t-nuts are facing inward (fig. 6.15), loosely attach (063) Front Ground to (042) Chalkwall Panel with 2 (WB9) 5/16 x 2-1/8” Wafer Bolts (with flat washer) and (065) Back Ground to (060) Half Narrow Window Panel with 2 (WB9) 5/16 x 2-1/8” Wafer Bolts (with flat washer) as shown in fig. 6.14.

L: Make sure the t-nuts are facing inward (fig. 6.15) and loosely attach (062) Front Floor to (042) Chalkwall Panel with 2 (WB8) 5/16 x 2-3/8” Wafer Bolts (with flat washer) and (064) Back Floor to (060) Half Narrow Window Panel with 2 (WB8) 5/16 x 2-3/8” Wafer Bolts (with flat washer) as shown in fig. 6.14.

.

Fig. 6.14

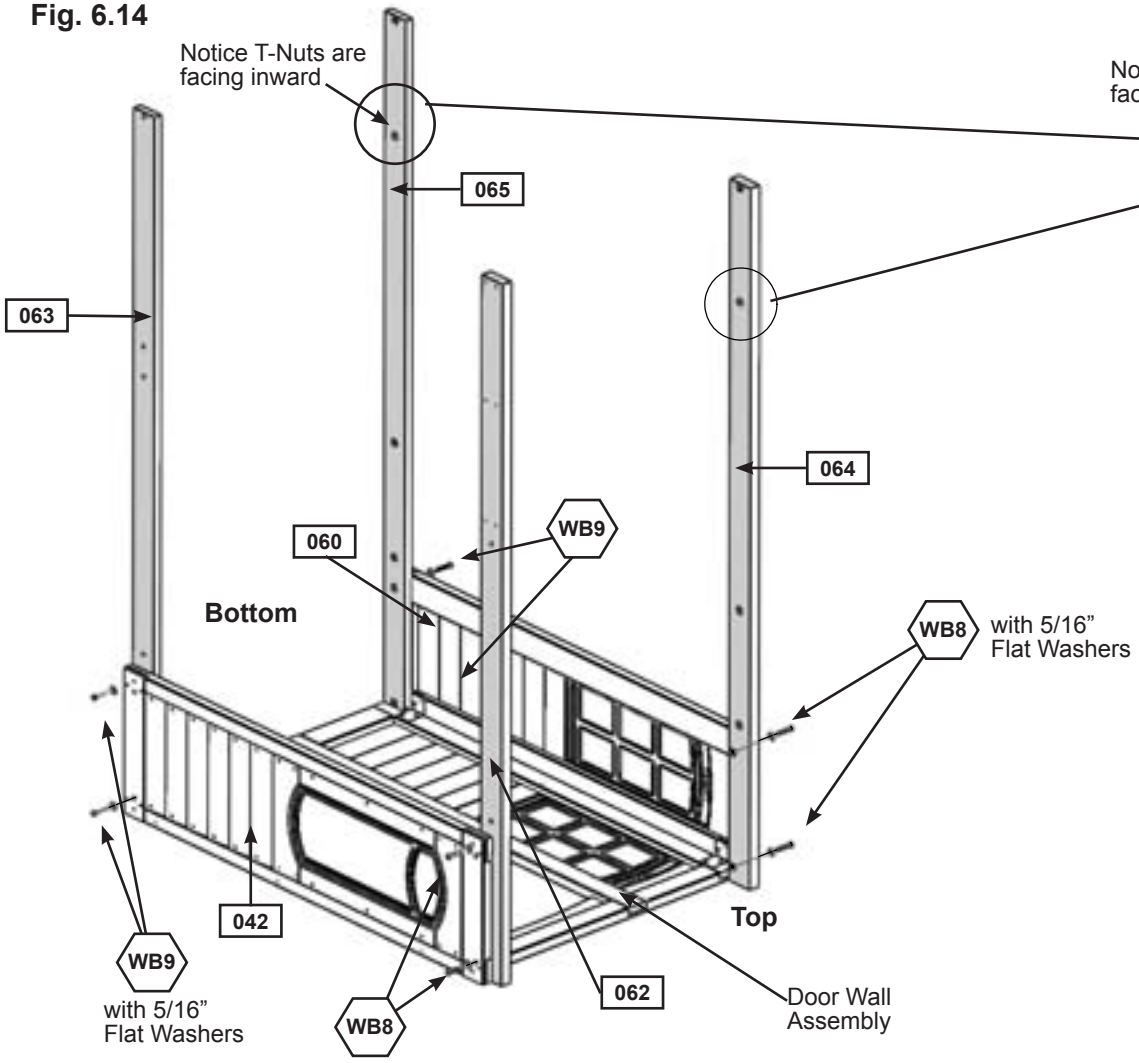
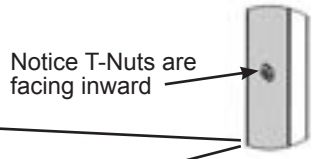


Fig. 6.15



Hardware

4 x WB8 5/16 x 2-3/8” Wafer Bolt (5/16” flat washer)

4 x WB9 5/16 x 2-1/8” Wafer Bolt (5/16” flat washer)

Step 7: Join Door Wall and Swing Side Wall Assemblies Part 1

A: With at least two helpers lift the Door Wall Assembly, as shown in fig. 7.1 and 7.2.

B: With at least two helpers lift the Swing Side Wall Assembly so it faces the Door Wall Assembly and slide both assemblies together so (062) Front Floor, (063) Front Ground, (064) Back Floor and (065) Back Ground are tight to (040) Cafe Wall Window Panel as shown in fig. 7.3, 7.4 and 7.5.

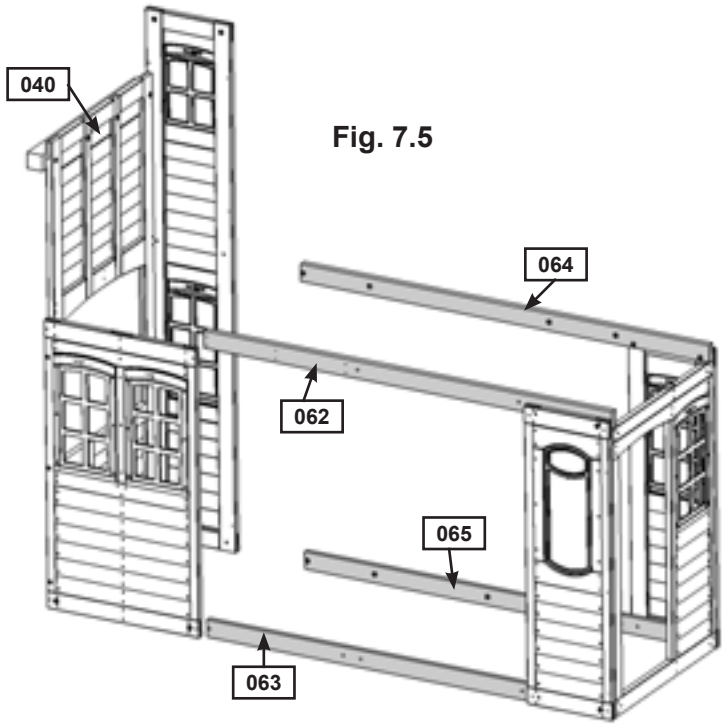


Fig. 7.5

Fig. 7.1

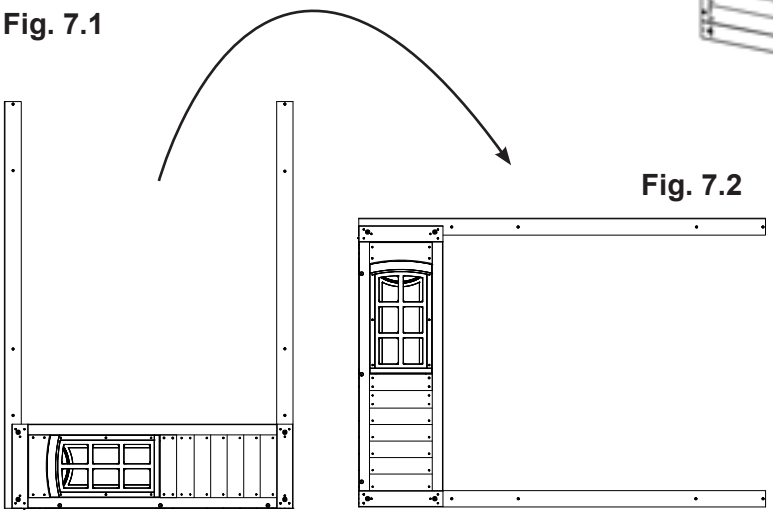


Fig. 7.2

Door Wall Assembly

Fig. 7.4

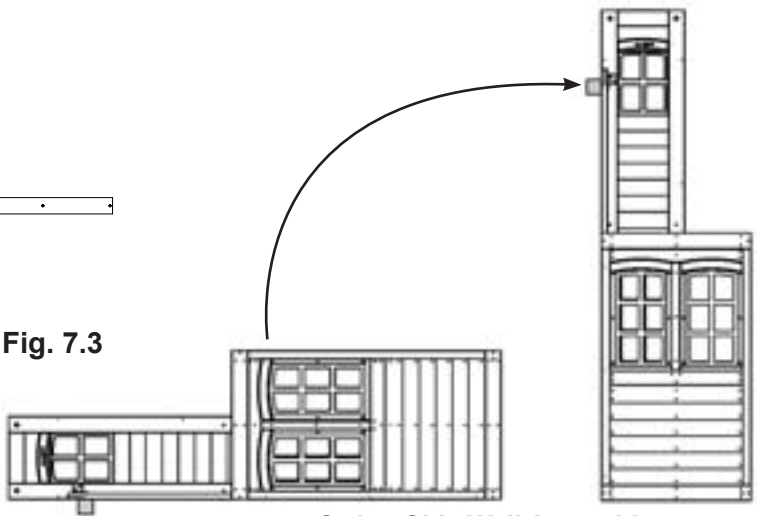


Fig. 7.3

Swing Side Wall Assembly

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Step 7: Join Door Wall and Swing Side Wall Assemblies Part 2

C: Loosely attach (063) Front Ground and (065) Back Ground to (051) SL Side Window Panel and (050) Narrow Window Panel with 2 (WB9) 5/16 x 2-1/8" Wafer Bolts (with flat washer) per board as shown in fig. 7.6, 7.7 and 7.8.

D: Loosely attach (064) Back Floor to (050) Narrow Window Panel with 2 (WB8) 5/16 x 2-3/8" Wafer Bolts (with flat washer) as shown in fig. 7.7.

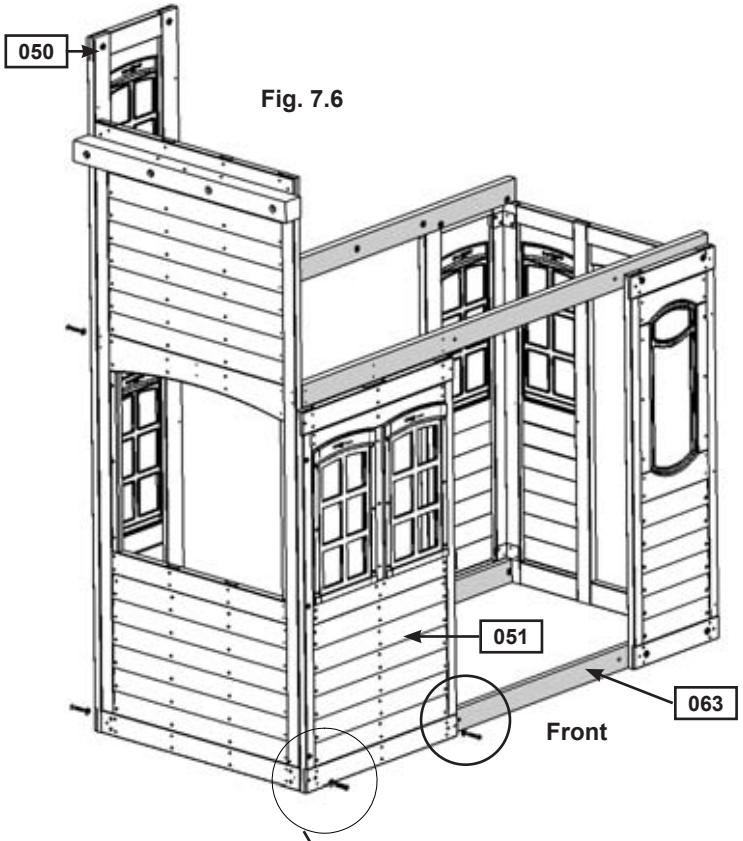


Fig. 7.6

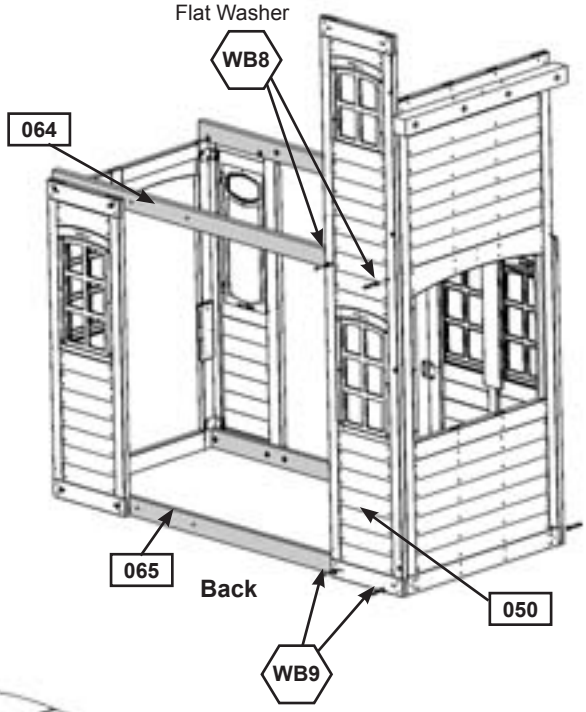


Fig. 7.7

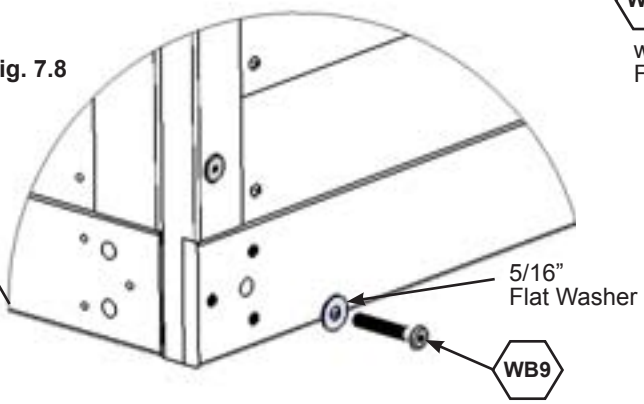


Fig. 7.8

Hardware

4 x (WB9) 5/16 x 2-1/8" Wafer Bolt (5/16" flat washer)

2 x (WB8) 5/16 x 2-3/8" Wafer Bolt (5/16" flat washer)

Step 8: Front Wall Assembly
Part 1

A: Fit (040) Cafe Wall Window Panel, from Step 4, in between (051) SL Side Window Panel and (042) Chalkwall Panel. Make sure the panels are tight together. Loosely fasten (040) Cafe Wall Window Panel to (063) Front Ground with 2 (WB9) 5/16 x 2-1/8" Wafer Bolts (with 5/16" flat washer - t-nuts previously installed). (fig. 8.1, 8.2 and 8.3)

B: Loosely fasten (040) Cafe Wall Window Panel to (062) Front Floor with 2 (WB8) 5/16 x 2-3/8" Wafer Bolts (with 5/16" flat washer - t-nuts previously installed). (fig. 8.1 and 8.2)

Fig. 8.1

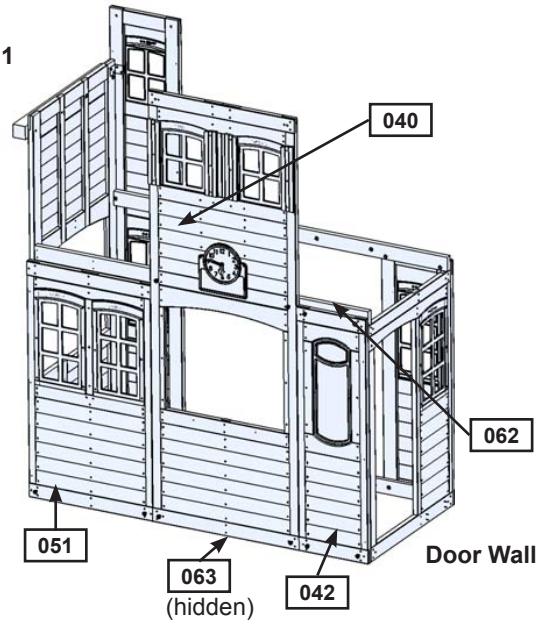


Fig. 8.2

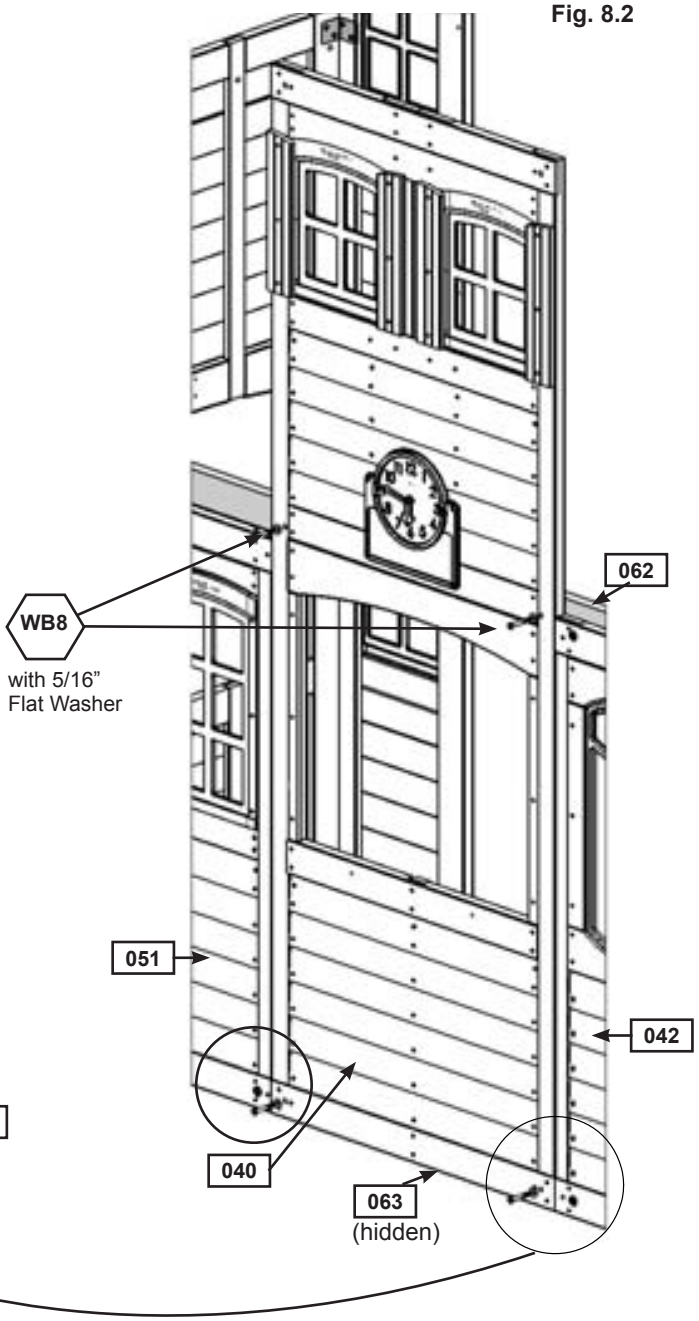
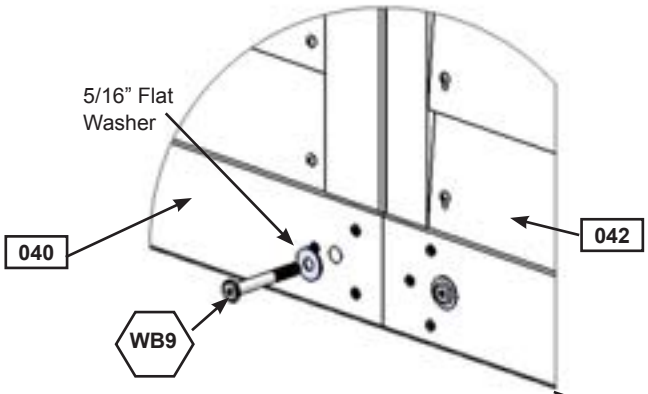


Fig. 8.3



Hardware

2 x WB9 **5/16 x 2-1/8" Wafer Bolt (5/16" flat washer)**

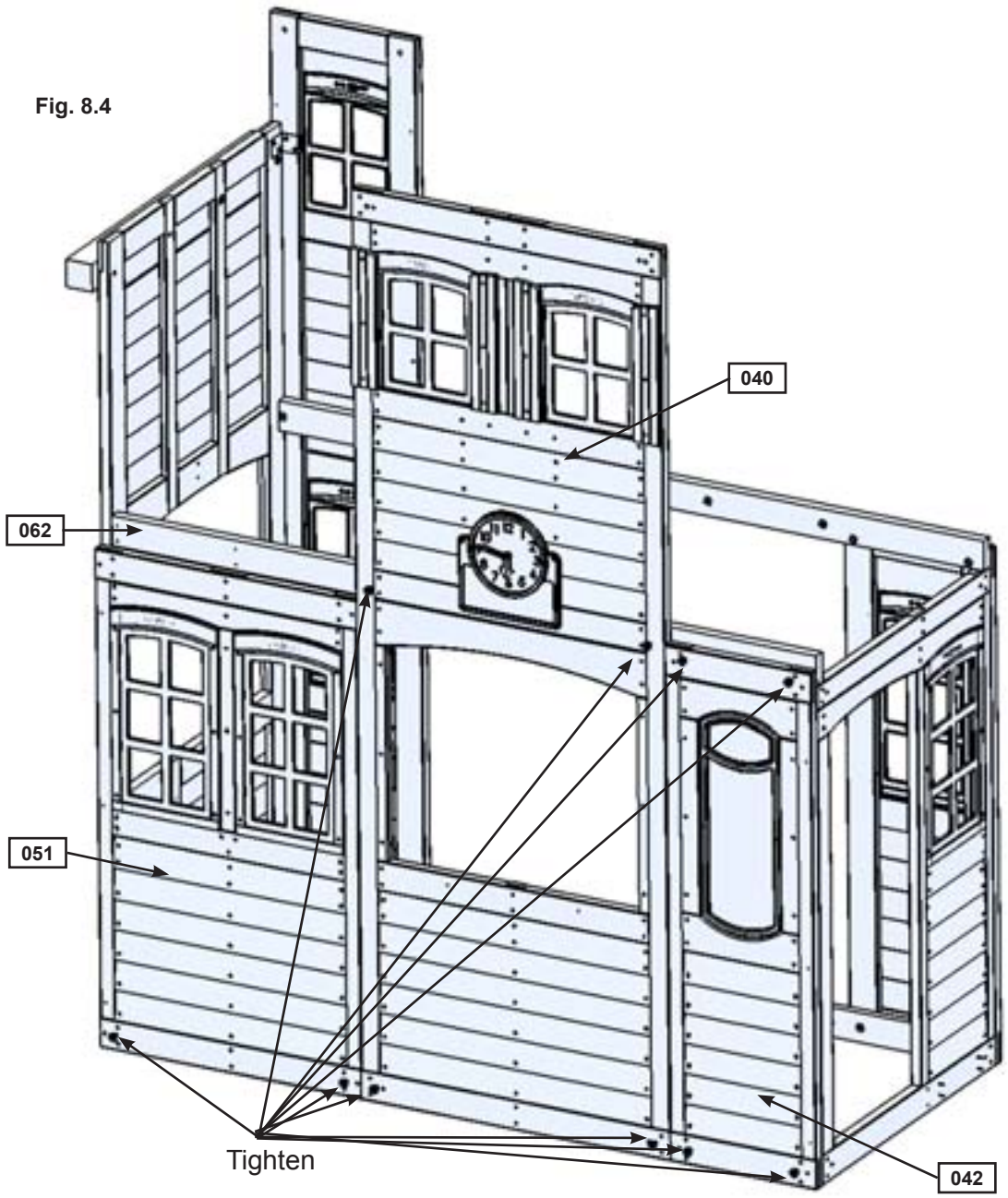
2 x WB8 **5/16 x 2-3/8" Wafer Bolt (5/16" flat washer)**

Step 8: Front Wall Assembly Part 2

C: Make sure the assembly is on level ground and (051) SL Side Window Panel and (042) Chalkwall Panel are square and tight to (040) Cafe Wall Window Panel.

D: Tighten all 10 Wafer Bolts on the front side as shown in fig. 8.4.

Fig. 8.4



Step 8: Front Wall Assembly
Part 3

E: On the outside of the assembly place (080) Table Top in the opening of (040) Cafe Wall Window Panel, tight to the bottom half of the opening and tight to the corner of the panels, as shown in fig. 8.5 and 8.6. Attach (080) Table Top to (040) Cafe Wall Window Panel with 2 (S3) #8 x 2-1/2" Wood Screws as shown in fig. 8.6.

F: On the outside of the assembly place 2 (081) Table Gussets tight to the bottom of (080) Table Top and tight to (040) Cafe Wall Window Panel so they are centered over the pilot holes and attach from inside the assembly with 2 (S3) #8 x 2-1/2" Wood Screws and to (080) Table Top with 2 (S15) #8 x 1-3/4" Wood Screws as shown in fig. 8.6.

G: On the inside of the assembly attach (040) Cafe Wall Window Panel to (042) Chalkwall Panel and (051) SL Side Window Panel using 2 Flat Panel Brackets in the places shown with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 8.7)

Fig. 8.6

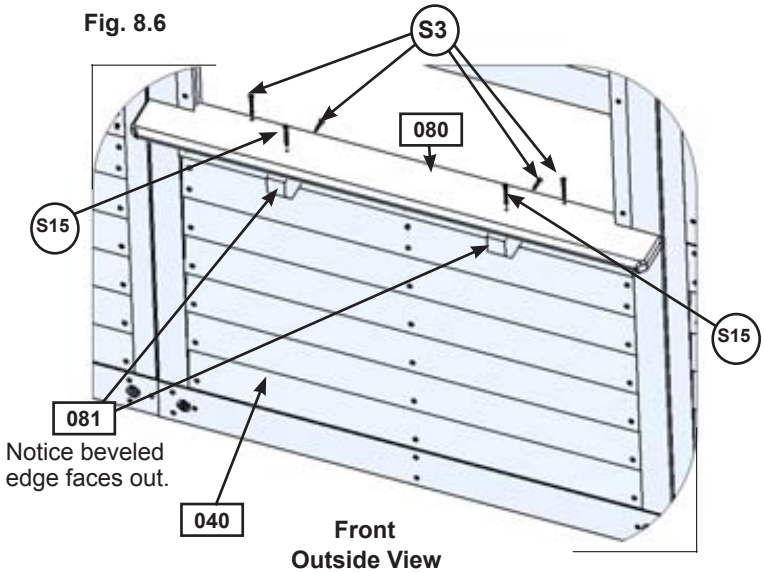


Fig. 8.5

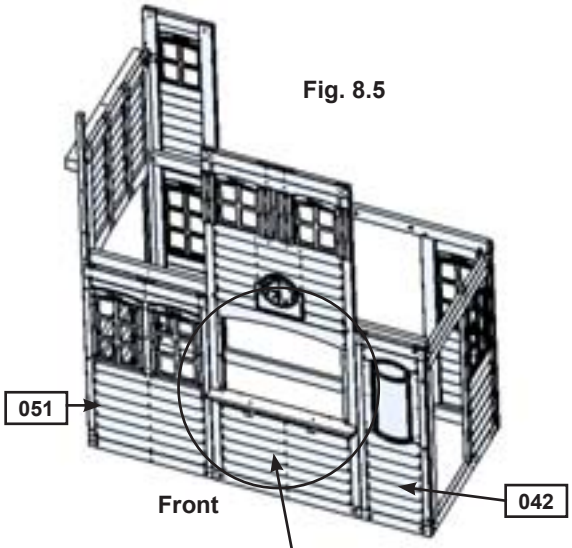
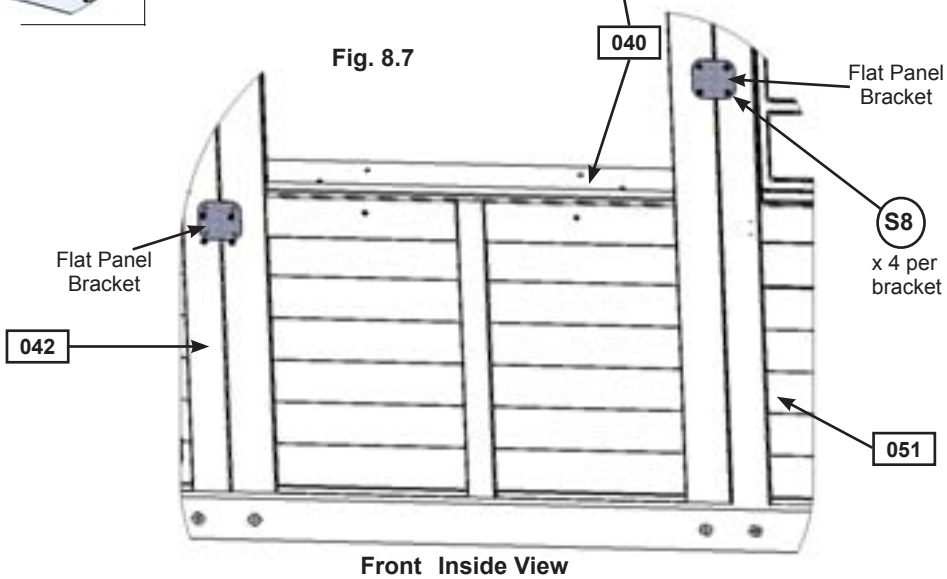


Fig. 8.7



Wood Parts

1 x 080 Table Top FSC 5/4 x 5 x 35-1/2"
2 x 081 Table Gusset FSC 2 x 3 x 3"

Hardware

8 x S8 #12 x 3/4" Pan Screw
4 x S3 #8 x 2-1/2" Wood Screw
2 x S15 #8 x 1-3/4" Wood Screw

Other Parts

2 x Flat Panel Bracket

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Step 8: Front Wall Assembly
Part 4

H: Attach (043) SW Side Panel to (062) Front Floor and to (064) Back Floor with 2 (S4) #8 x 3” Wood Screws per side as shown in fig. 8.8 and 8.9.

I: Tight to the top of (051) SL Side Window Panel attach (082) SL Post to (043) SW Side Panel with 3 (S3) #8 x 2-1/2” Wood Screws as shown in fig. 8.8 and 8.9.

Fig. 8.9

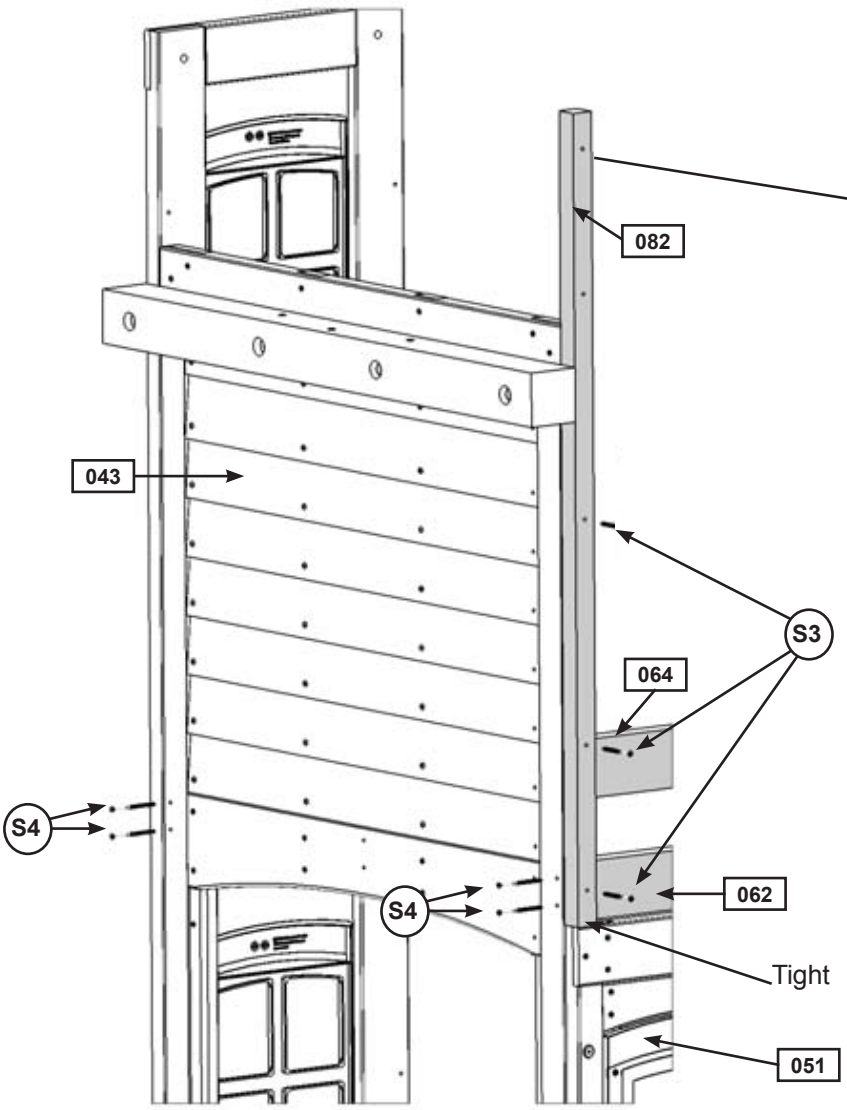
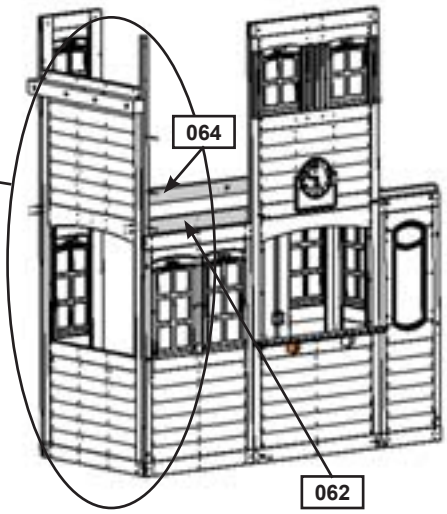


Fig. 8.8



Wood Parts

1 x 082 **SL Post FSC 1-1/4 x 1-1/4 x 44-7/8”**

Hardware

4 x S4 **#8 x 3” Wood Screw**

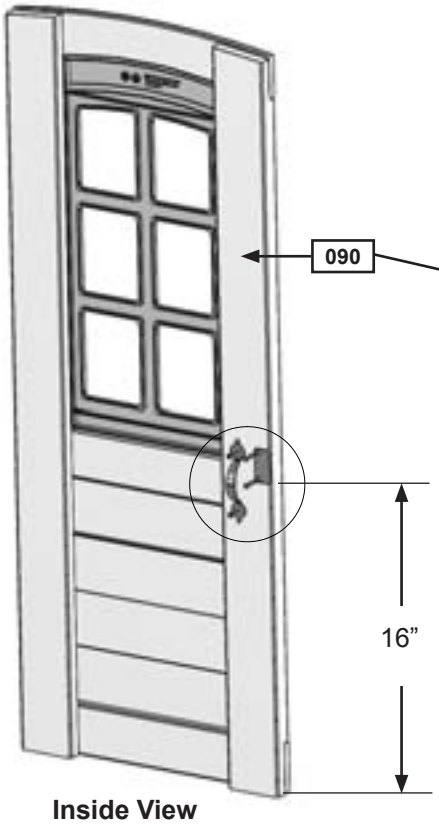
3 x S3 **#8 x 2-1/2” Wood Screw**

Step 9: Door Wall Assembly Part 1

A: On the inside of (090) Door Window Panel, measure 16” up from the bottom and attach Catch Plate using 2 (S18) #6 x 1” Wood Screws. (fig. 9.1 and 9.2)

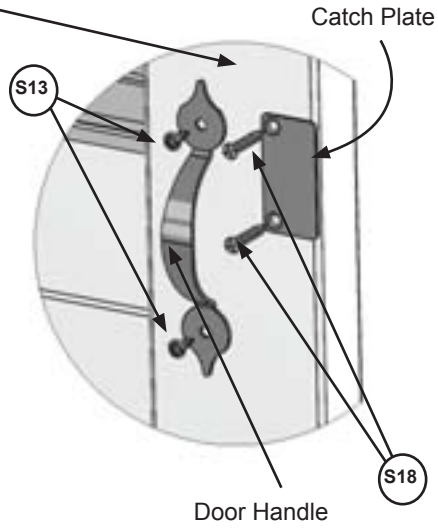
B: On the inside of (090) Door Window Panel next to the Catch Plate attach 1 Door Handle using 2 (S13) #6 x 5/8” Pan Screws. (fig. 9.1 and 9.2)

Fig. 9.1



Inside View

Fig. 9.2



Wood Parts	Hardware	Other Parts
1 x 090 Door Window Panel FSC 1-1/4 x 16-3/4 x 44-7/16”	2 x S18 #6 x 1” Wood Screw	1 x Door Handle
	2 x S13 #6 x 5/8” Pan Screw	1 x Catch Plate

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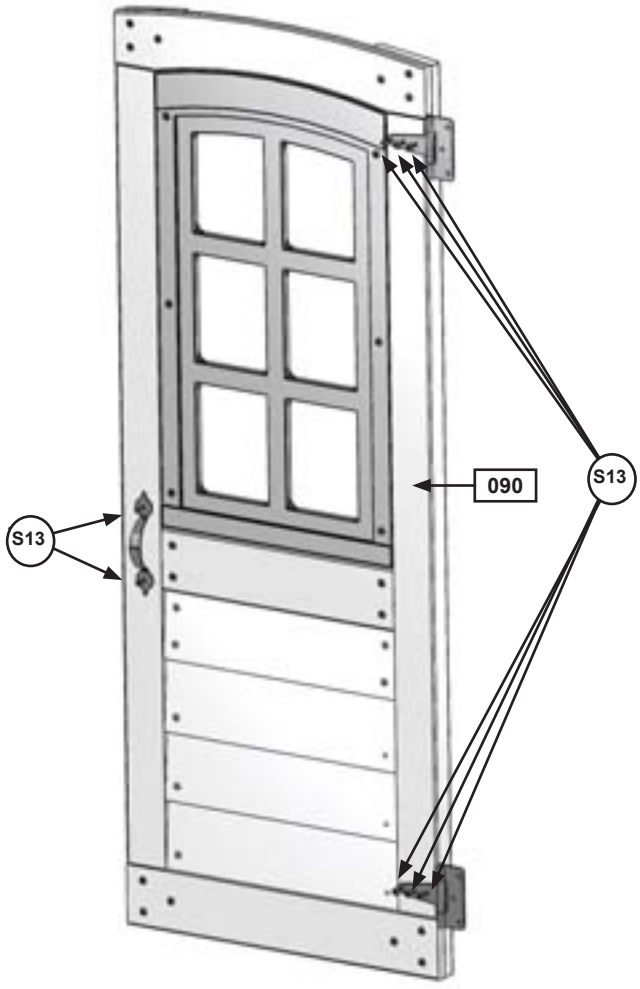
Step 9: Door Wall Assembly Part 2

C: On the outside of the (090) Door Window Panel attach the second Door Handle at approximately the same place as the one on the inside. Use 2 (S13) #6 x 5/8" Pan Screws. (fig.9.3)

D: Attach 2 Door Hinges on the outside of the (090) Door Window Panel on the opposite side from the Door Handle. Judge spacing based on fig. 9.3. Use 3 (S13) # 6 x 5/8" Pan Screws per Hinge.

Note: Hinge stops must be tight to (090) Door Window Panel. (fig. 9.4)

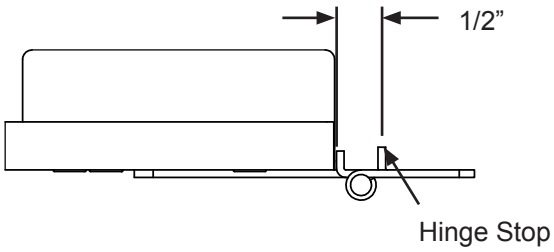
Fig. 9.3



Outside View

Fig. 9.4

Top View



Hardware

8 x (S13) #6 x 5/8" Pan Screw

Other Parts

1 x Door Handle

2 x Door Hinge

Step 9: Door Wall Assembly Part 3

E: In the opening for the door, measure 5/8” from the top of Door Wall Window Panel bottom and maximum 5/8” from right side of the opening which would be the Door Hinge side and attach the remaining side of the hinges to (061) Door Wall Window Panel using 3 (S13) #6 x 5/8” Pan Screws per hinge. (fig. 9.5, 9.6 and 9.7)

Fig. 9.7

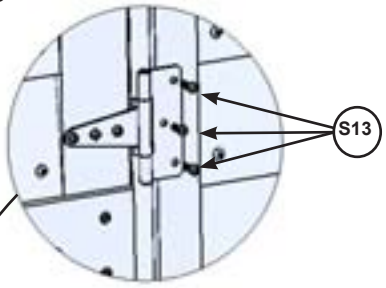


Fig. 9.5

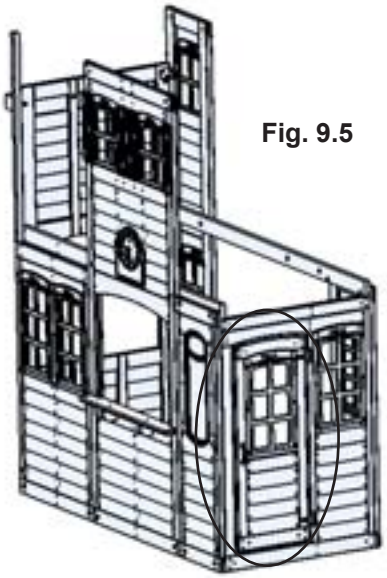
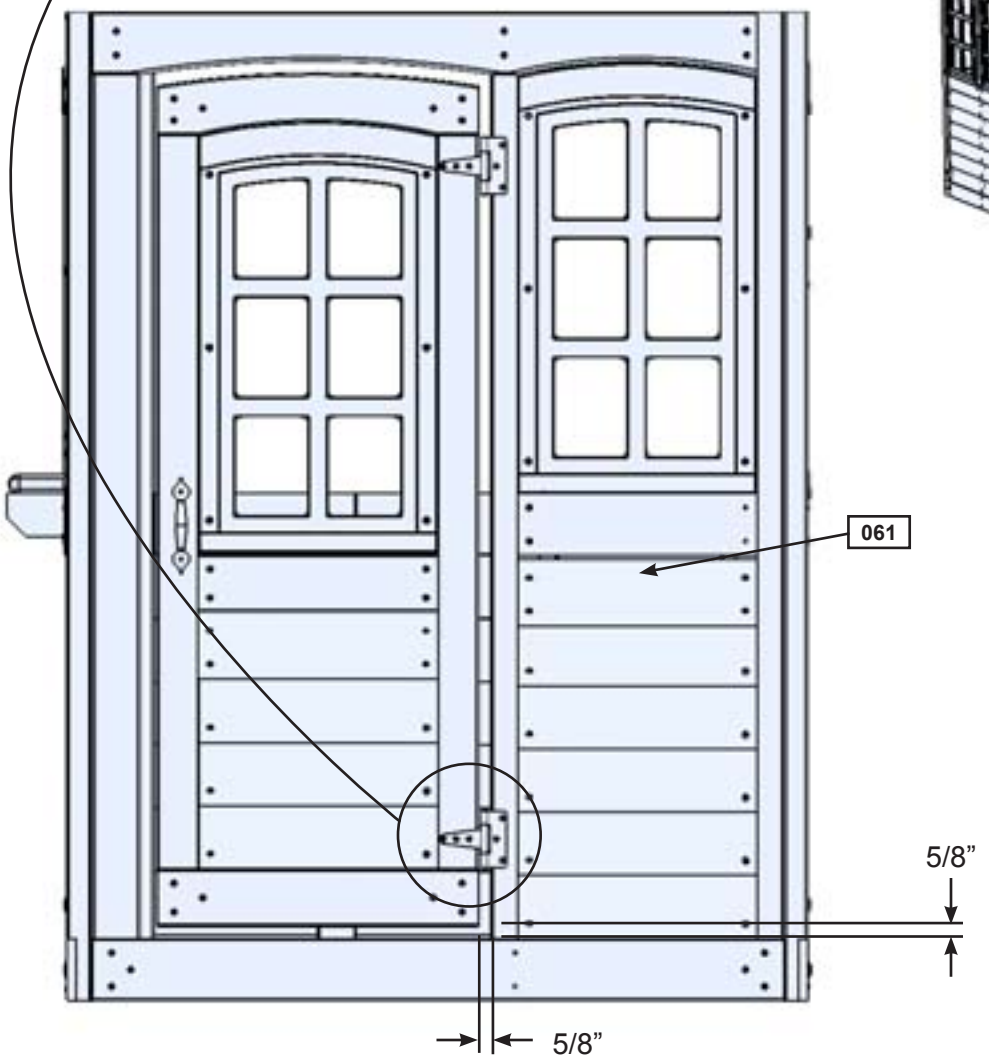


Fig. 9.6



Hardware

6 x (S13) #6 x 5/8” Pan Screw

Step 9: Door Wall Assembly
Part 4

F: In the notched out opening of (091) Door Stop attach the Magnetic Catch using 2 (S18) #6 x 1" Wood Screws. (fig. 9.8) **Important: Use a hand held screw driver and DO NOT over tighten.**

G: On the inside of the assembly, attach (091) Door Stop to (061) Door Wall Window Panel with 3 (S15) #8 x 1-3/4" Wood Screws, making sure (091) Door Stop overhangs (061) Door Wall Window Panel by 1-1/4" and is in position to receive the Catch Plate. (fig. 9.9, 9.10 and 9.11).

Fig. 9.8

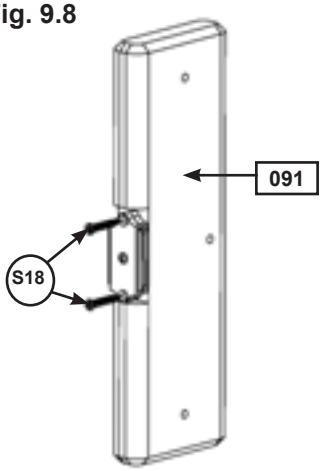


Fig. 9.9

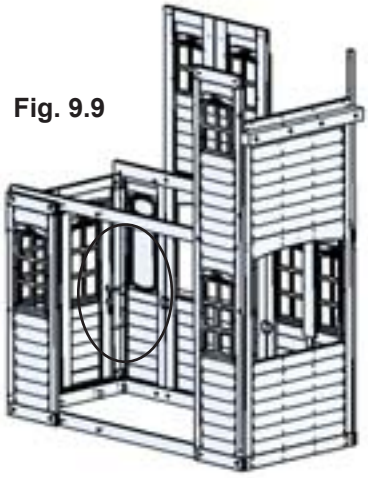


Fig. 9.10

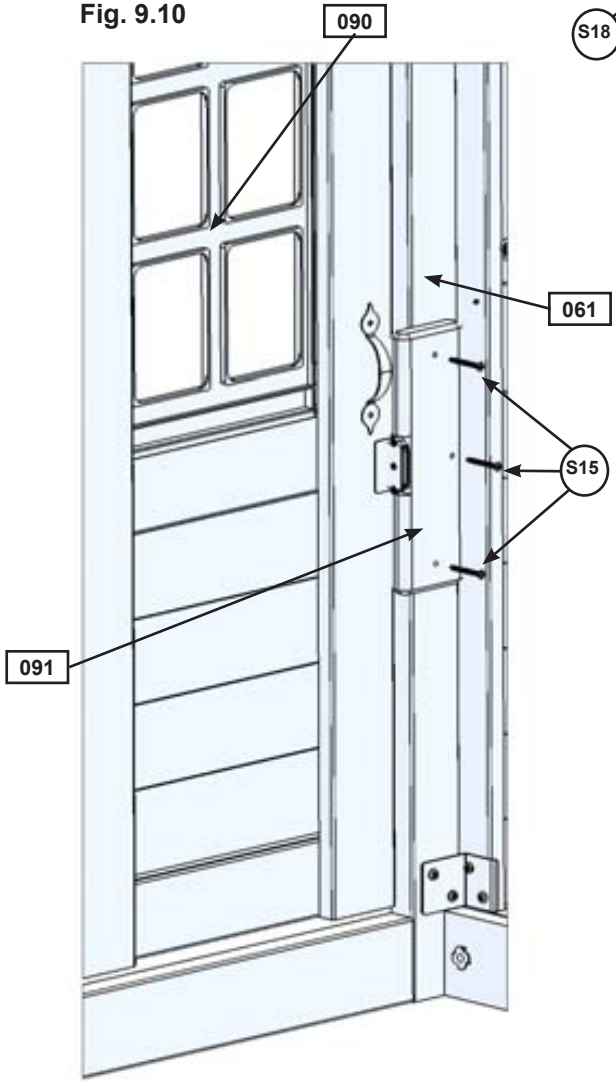
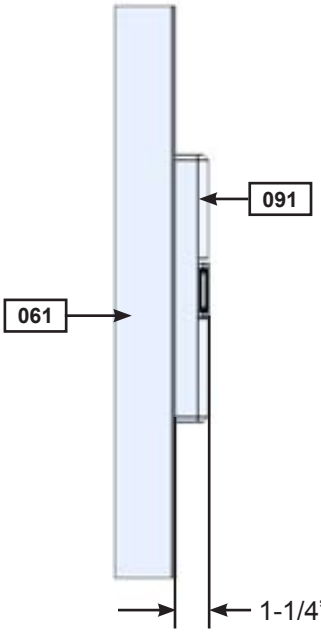


Fig. 9.11



Wood Parts

1 x [091] **Door Stop FSC 5/4 x 4 x 10"**

Hardware

2 x (S18) **#6 x 1" Wood Screw**

3 x (S15) **#8 x 1-3/4" Wood Screw**

Other Parts

1 x Magnetic Catch

Step 9: Door Wall Assembly Part 5

H: On the outside of the assembly attach (092) Floor End to the top of (061) Door Wall Window Panel, (062) Front Floor and (064) Back Floor with 4 (S4) #8 x 3” Wood Screws, as shown in fig. 9.12 and 9.13. Notice the orientation of the pilot holes. Make sure the top of (092) Floor End measures 2” from top of both (062) Front Floor and (064) Back Floor.

I: On the inside of the assembly attach (093) Door Bottom to the bottom of (061) Door Wall Window Panel with 8 (S20) #8 x 1-3/8” Wood Screws, as shown in fig. 9.14 and 9.15.

Fig. 9.12

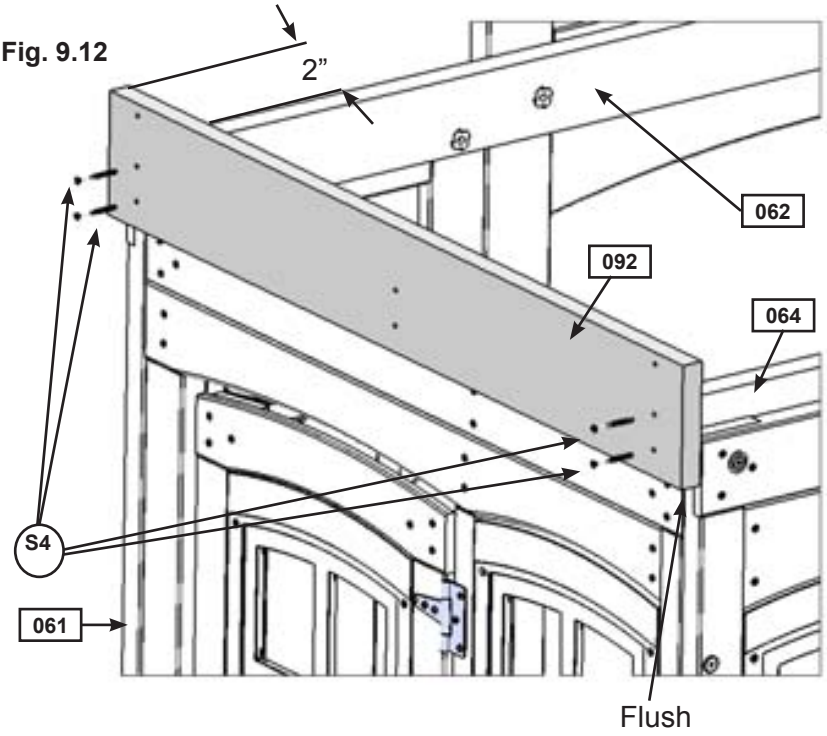


Fig. 9.13

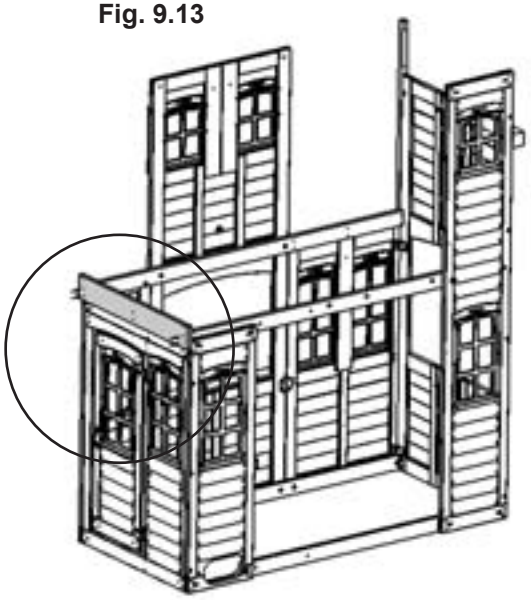


Fig. 9.14

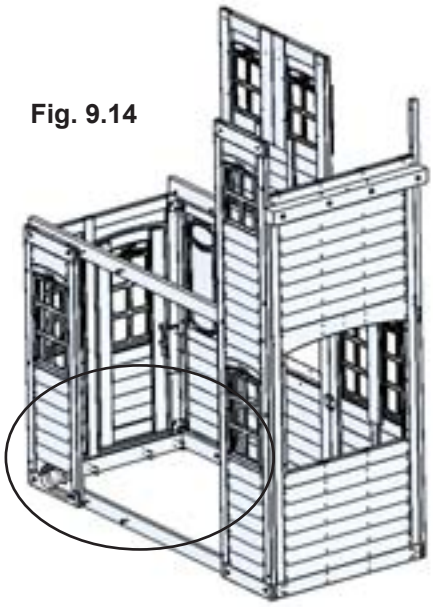
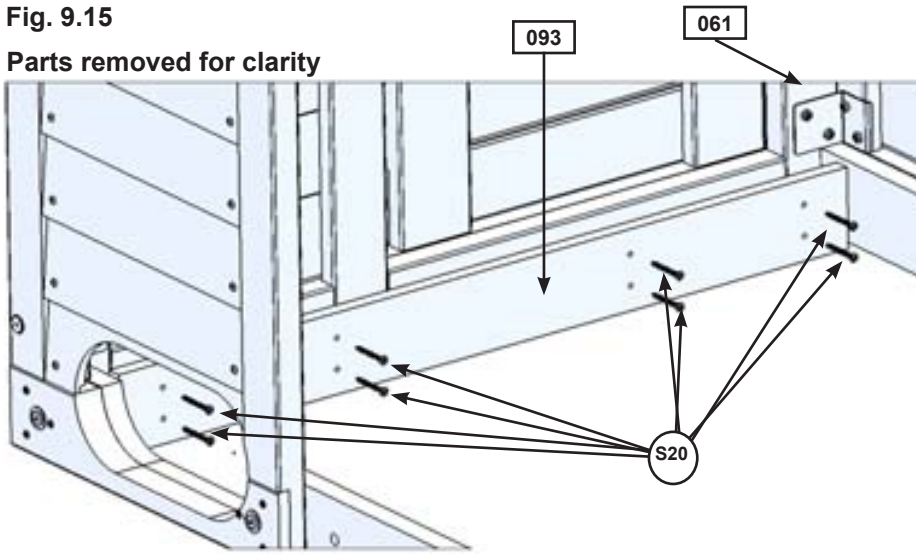


Fig. 9.15

Parts removed for clarity



Wood Parts

1 x [092] Floor End FSC 5/4 x 6 x 38-1/2”
1 x [093] Door Bottom FSC 1 x 4 x 33-1/2”

Hardware

8 x (S20) #8 x 1-3/8” Wood Screw
4 x (S4) #8 x 3” Wood Screw

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Step 10: Back Wall Assembly Part 1

A: Place 1 (050) Narrow Window Panel beside (060) Half Narrow Window Panel on the back side. Make sure the panels are tight together. Loosely fasten (050) Narrow Window Panel to (065) Back Ground with 2 (WB9) 5/16 x 2-1/8" Wafer Bolts (with 5/16" flat washer - t-nuts previously installed) and to (064) Back Floor with 2 (WB8) 5/16 x 2-3/8" Wafer Bolts (with 5/16" flat washer - t-nuts previously installed). (fig. 10.1 and 10.2)

B: Loosely attach (100) Back Top to the tops of both (050) Narrow Window Panels with 2 (WB9) 5/16 x 2-1/8" Wafer Bolts (with 5/16" flat washer and 5/16" t-nut) per panel. (fig. 10.1, 10.3 and 10.4)

Fig. 10.1

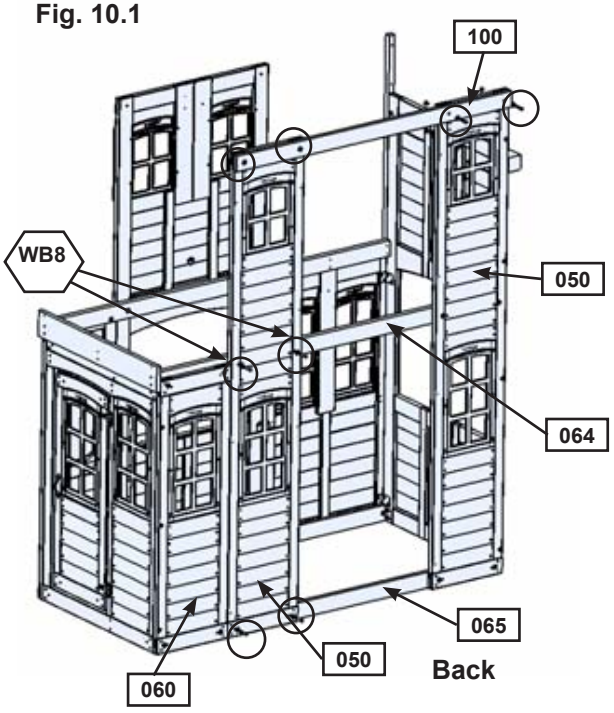


Fig. 10.2

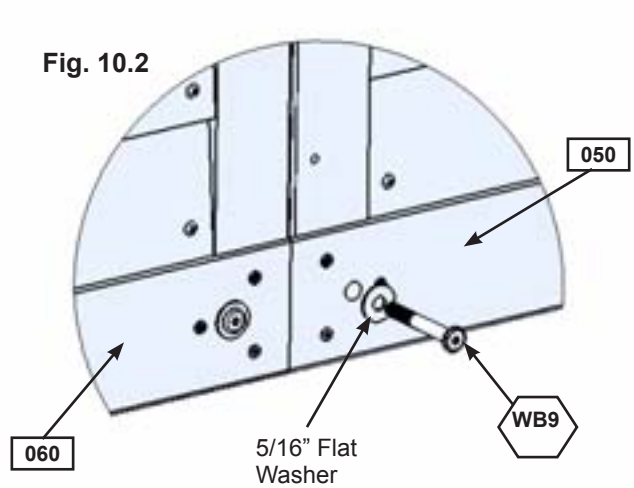


Fig. 10.3

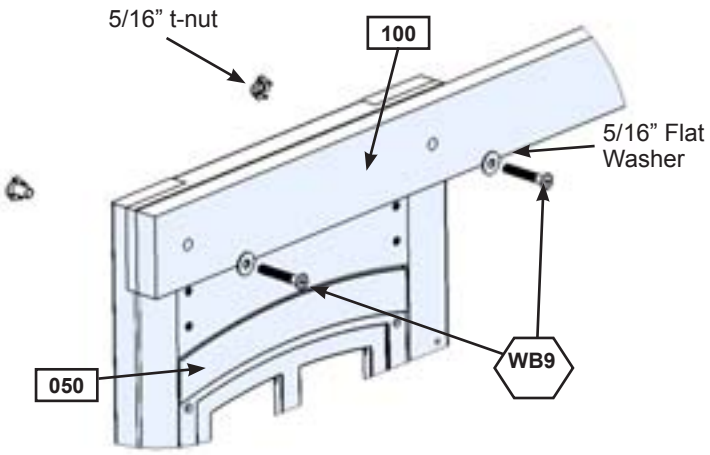
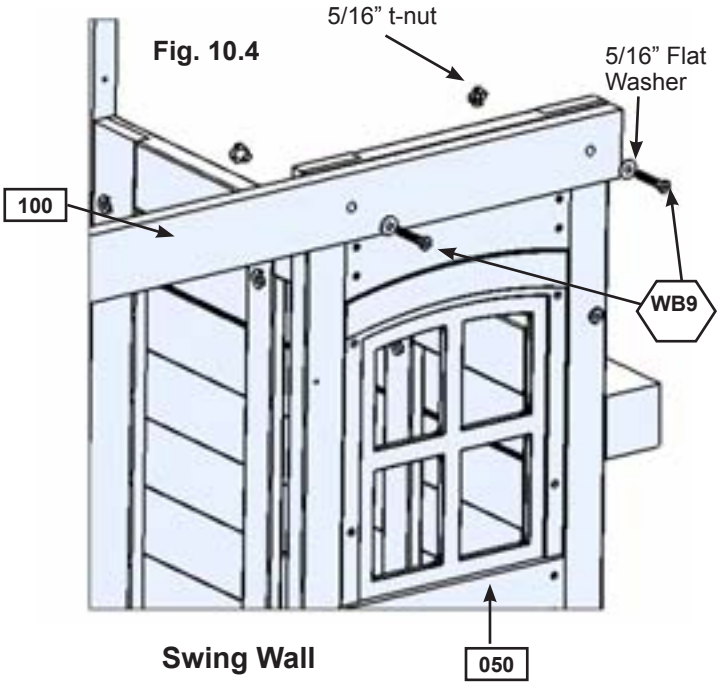


Fig. 10.4



Wood Parts

1 x 050 **Narrow Window Panel FSC 1-1/4 x 16-3/4 x 99"**
1 x 100 **Back Top FSC 5/4 x 4 x 65-1/2"**

Hardware

6 x WB9 **5/16 x 2-1/8" Wafer Bolt (5/16" flat washer, 4 x 5/16" t-nut)**
2 x WB8 **5/16 x 2-3/8" Wafer Bolt (5/16" flat washer)**

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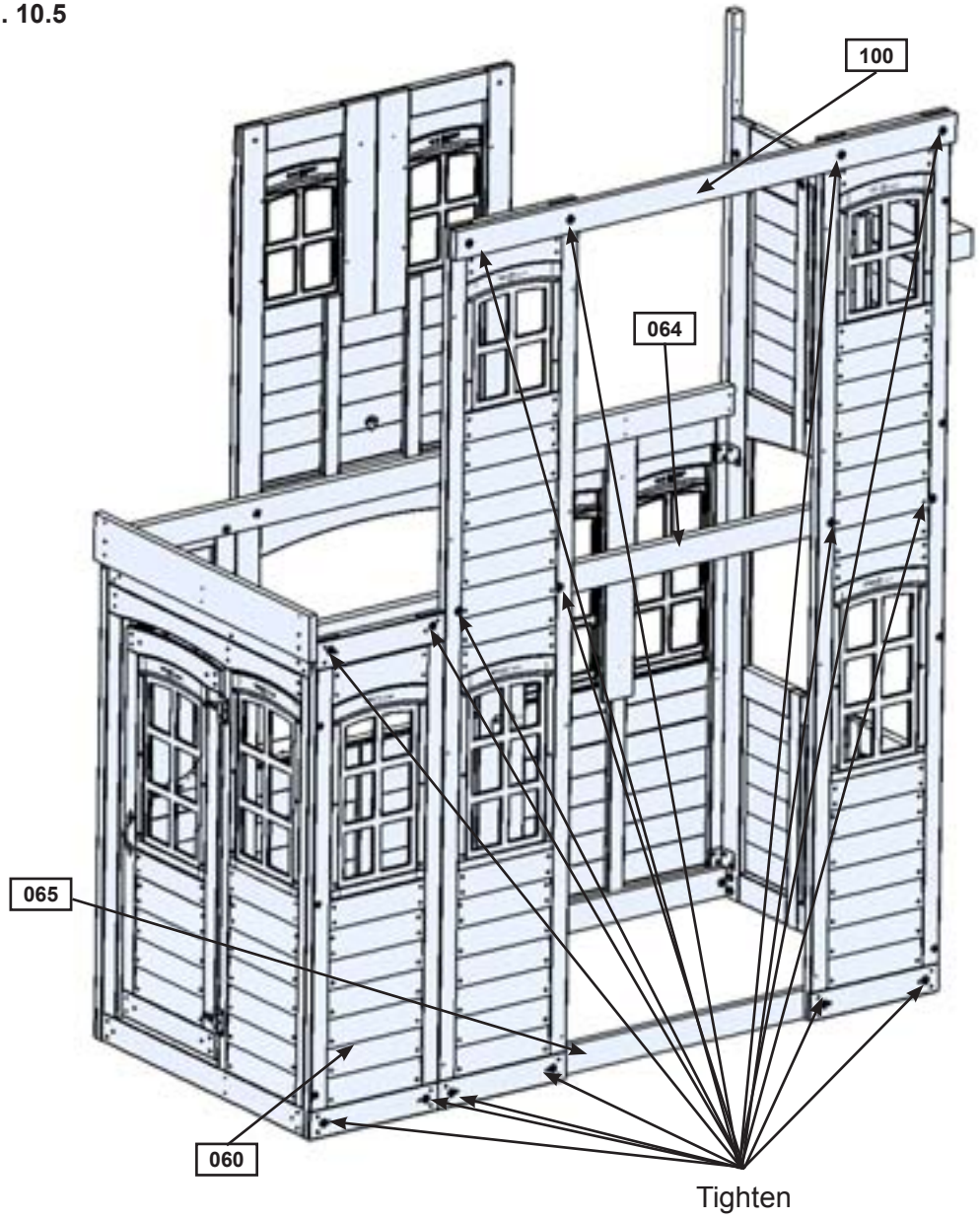
Step 10: Back Wall Assembly Part 2

C: Make sure the assembly is square.

D: Tighten all 16 Wafer Bolts on the back side as shown in fig. 10.5.

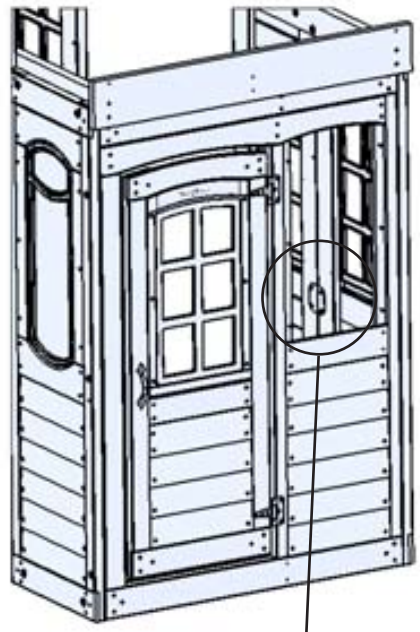
Fig. 10.5



Step 10: Back Wall Assembly
Part 3

E: On the inside of the assembly attach (050) Narrow Window Panel to (060) Half Narrow Window Panel using 1 Flat Panel Bracket with 4 (S8) #12 x 3/4" Pan Screws. (fig. 10.6 and 10.7)

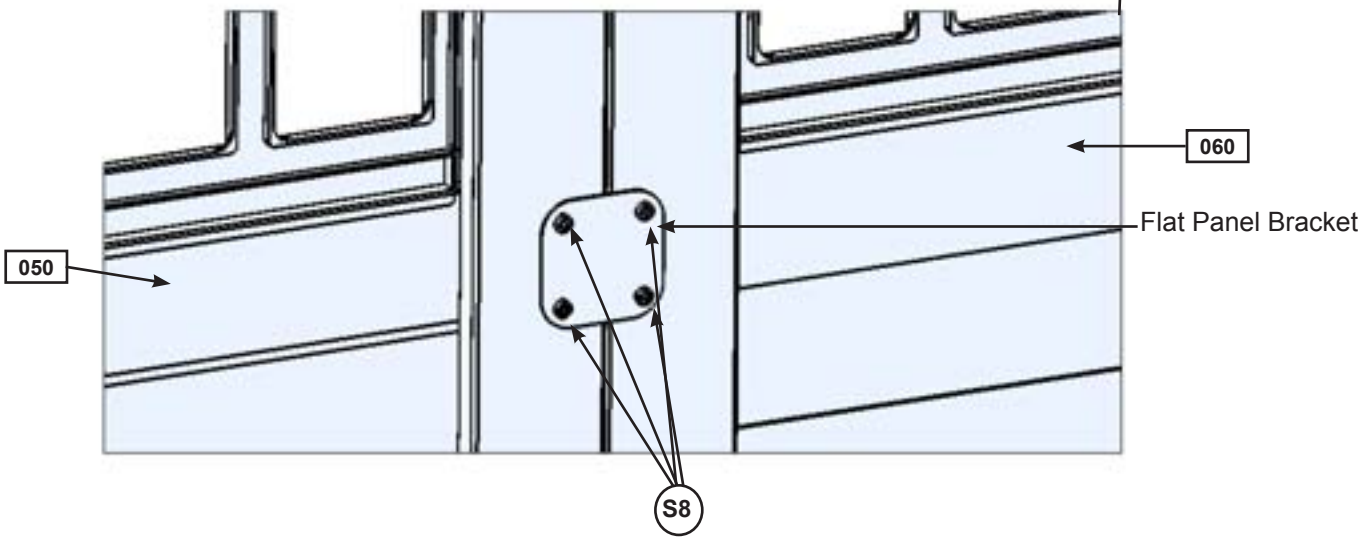
Fig. 10.7



Back

Front

Fig. 10.6



Hardware

4 x (S8) #12 x 3/4" Pan Screw

Other Parts

1 x Flat Panel Bracket

Step 11: Swing Wall Assembly Part 1

Keep all bolts loose in this step.

A: Loosely attach (110) Ground SW to the bottom of (043) SW Side Panel using 4 (G8) 5/16 x 2” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 11.1, 11.2 and 11.3)

B: At each end of (110) Ground SW loosely attach 1 (111) Diagonal with 1 (G8) 5/16 x 2” Hex Bolt (with lock washer, flat washer and t-nut) per side. (fig. 11.1 and 11.2)

Fig. 11.1

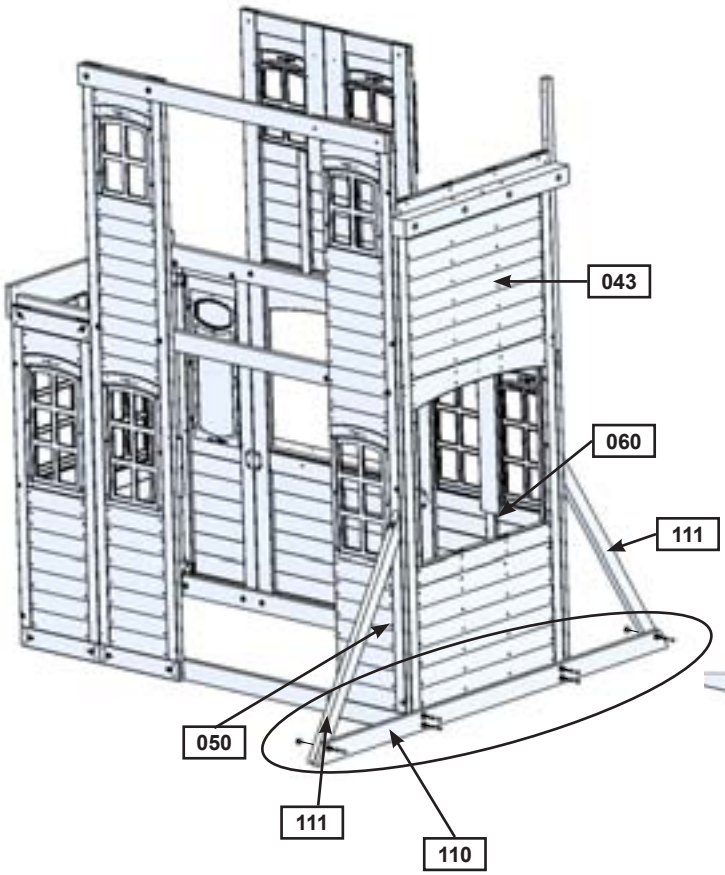


Fig. 11.3

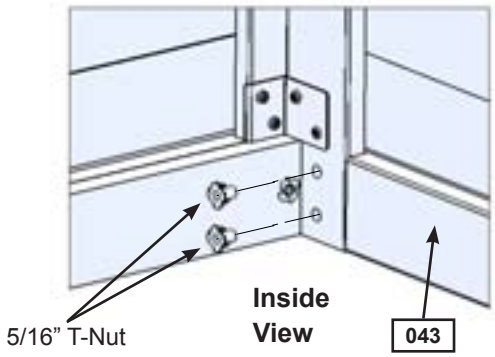
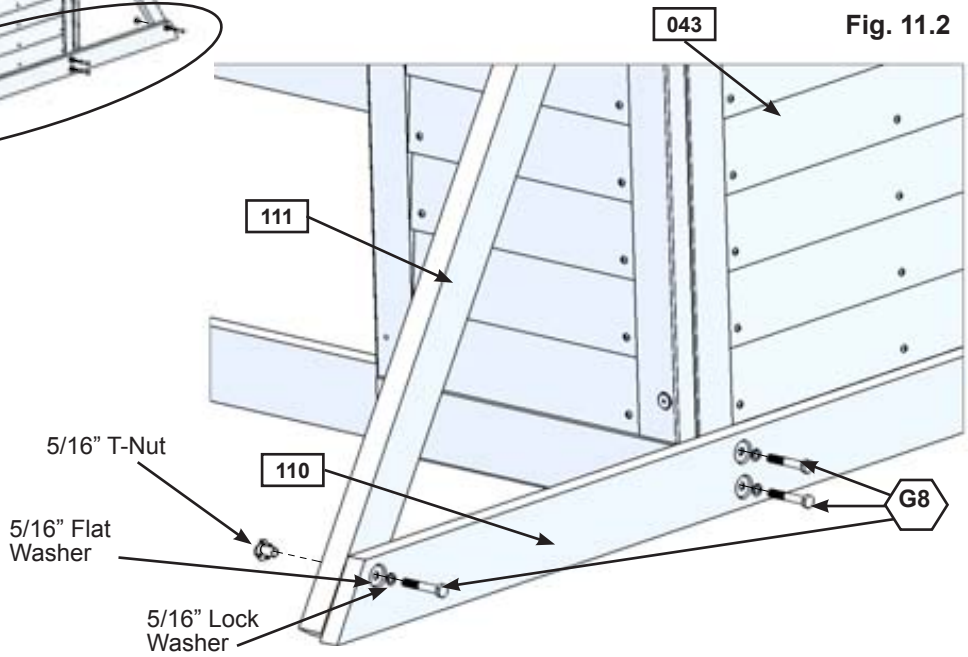


Fig. 11.2



Wood Parts

1 x 110 **Ground SW FSC 5/4 x 4 x 82-5/8”**
2 x 111 **Diagonal FSC 2 x 3 x 42-1/4”**

Hardware

6 x G8 **5/16 x 2” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)**

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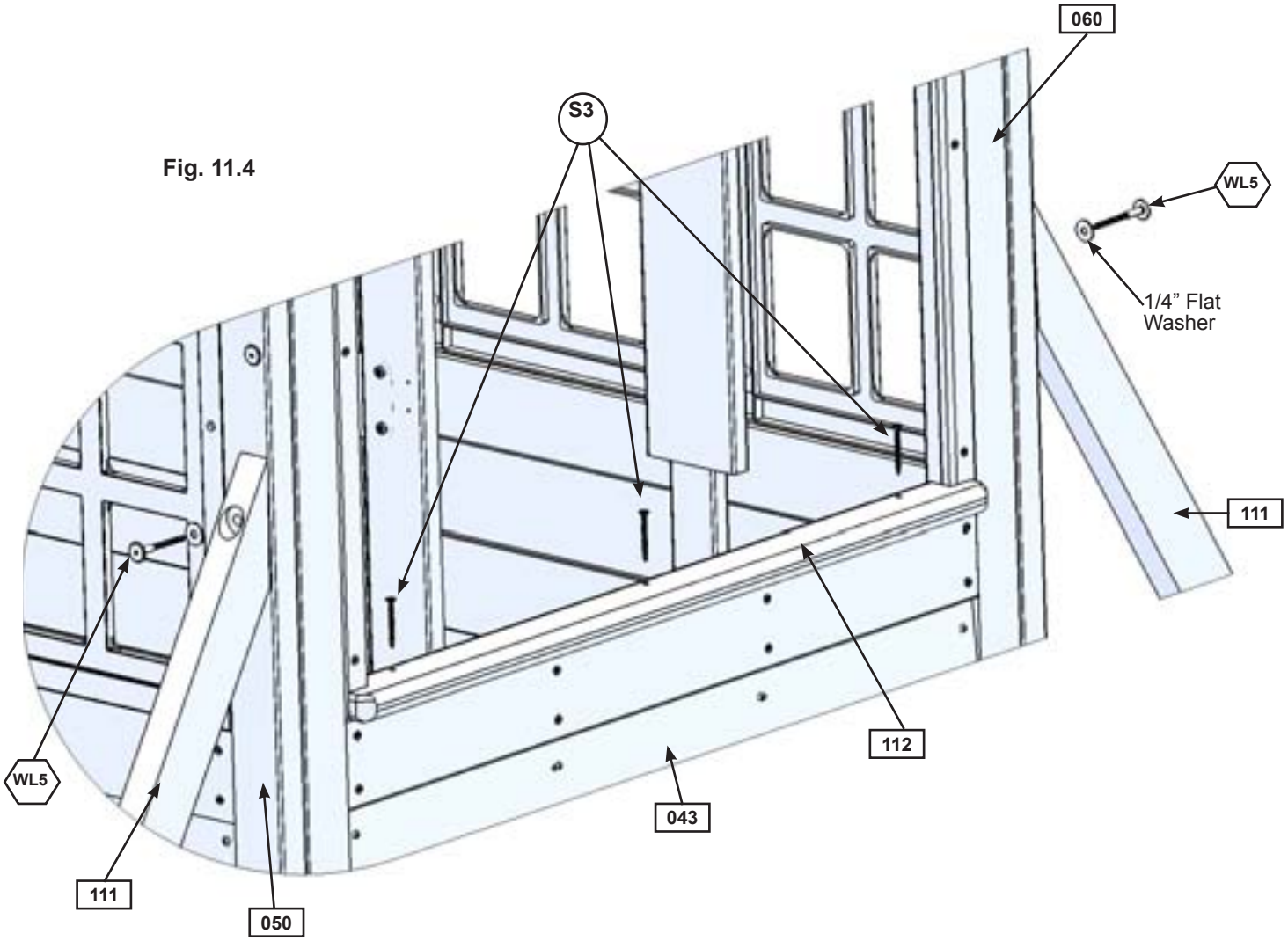
Step 11: Swing Wall Assembly Part 2

C: Pre-drill pilot holes with a 3/16” drill bit then attach (111) Diagonal to (050) Narrow Window Panel and (060) Half Narrow Window Panel with 1 (WL5) 1/4 x 2-1/2” Wafer Lag (with flat washer) per diagonal. (fig. 11.4)

D: Tighten all 6 (G8) 5/16 x 2” Hex Bolts from Step 11 A and B.

E: In the opening of (043) SW Side Panel attach (112) SW Table Top, tight to the corner of the panels, with 3 (S3) #8 x 2-1/2” Wood Screws as shown in fig. 11.4.

Fig. 11.4



Wood Parts

1 x 112 SW Table Top FSC 5/4 x 3 x 31-3/4”

Hardware

2 x WL5 1/4 x 2-1/2” Wafer Lag (1/4” flat washer)

3 x S3 #8 x 2-1/2” Wood Screw

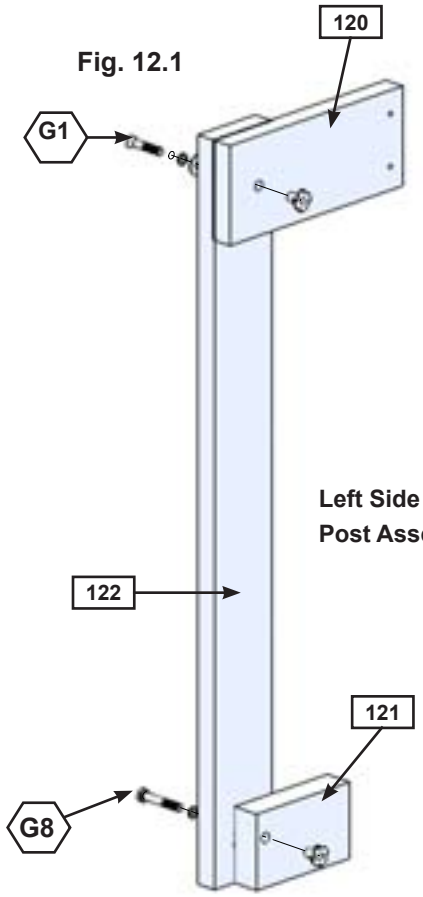
Step 12: Slide Top Assembly Part 1

A: Loosely attach (120) SL Top Left to 1 (122) Post and (123) SL Top Right to another (122) Post with 1 (G1) 5/16 x 1-1/2" Hex Bolt (with lock washer, flat washer and t-nut) per post. (fig. 12.1 and 12.2)

B: Loosely attach 1 (121) Short Joist to the bottom of both (122) Posts with 1 (G8) 5/16 x 2" Hex Bolt (with lock washer, flat washer and t-nut) per post. (fig. 12.1 and 12.2)

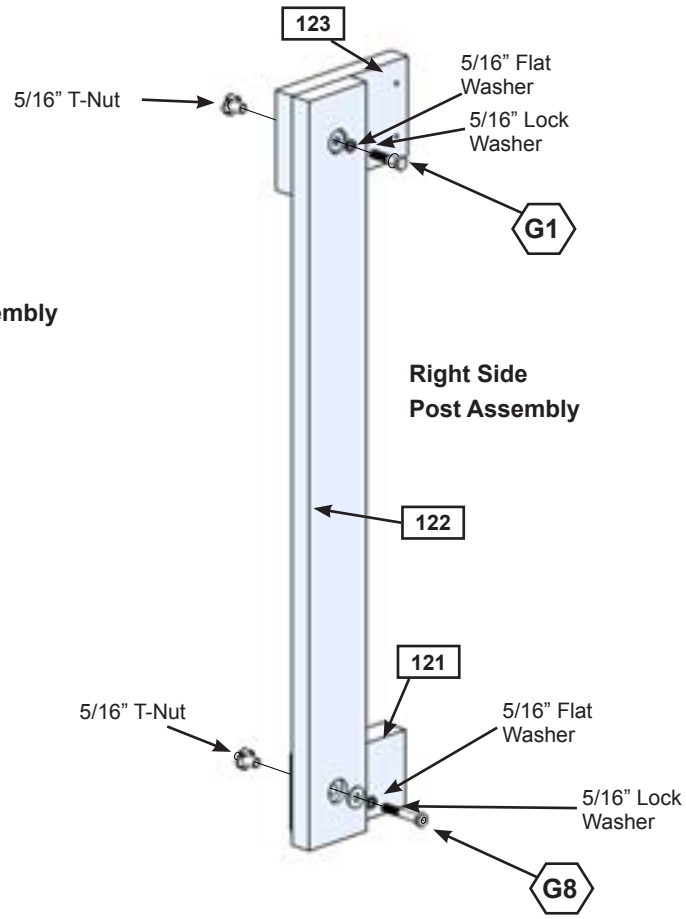
Note: Make sure (120) SL Top Left, (123) SL Top Right and (121) Short Joists are level to the top and bottom of (122) Posts.

Fig. 12.1



Left Side Post Assembly

Fig. 12.2



Right Side Post Assembly

Wood Parts

- 1 x 120 SL Top Left FSC 5/4 x 5 x 9-3/4"
- 2 x 121 Short Joist FSC 2 x 4 x 5-1/4"
- 2 x 122 Post FSC 5/4 x 4 x 31-7/8"
- 1 x 123 SL Top Right FSC 5/4 x 5 x 6-1/2"

Hardware

- 2 x G1 5/16 x 1-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 2 x G8 5/16 x 2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)

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Step 12: Slide Top Assembly
Part 2

C: Place Left Side Post Assembly tight to (043) SW Side Panel and (082) SL Post and Right Side Post Assembly tight to (040) Cafe Wall Window Panel so both (121) Short Joists are flush to the top of (062) Front Floor and centred over the pilot holes then attach with 2 (S4) #8 x 3" Wood Screws per assembly. (fig. 12.3 and 12.4)

D: Place (124) Short Floor Joist flush to the top of (062) Front Floor and centred over the middle pilot holes then attach with 2 (S4) #8 x 3" Wood Screws. (fig. 12.3 and 12.4)

Fig. 12.3

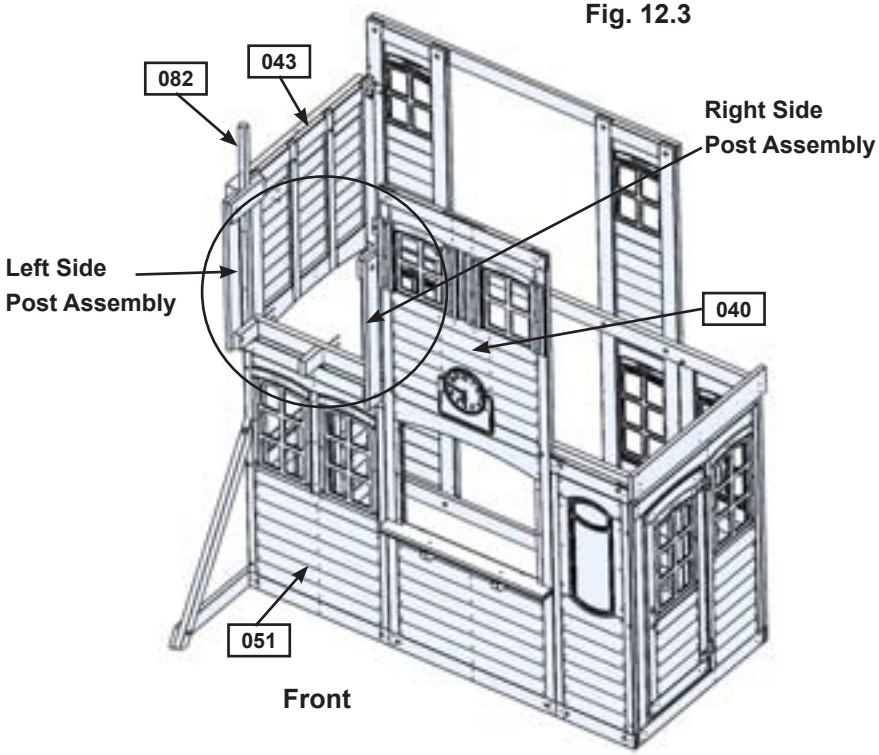
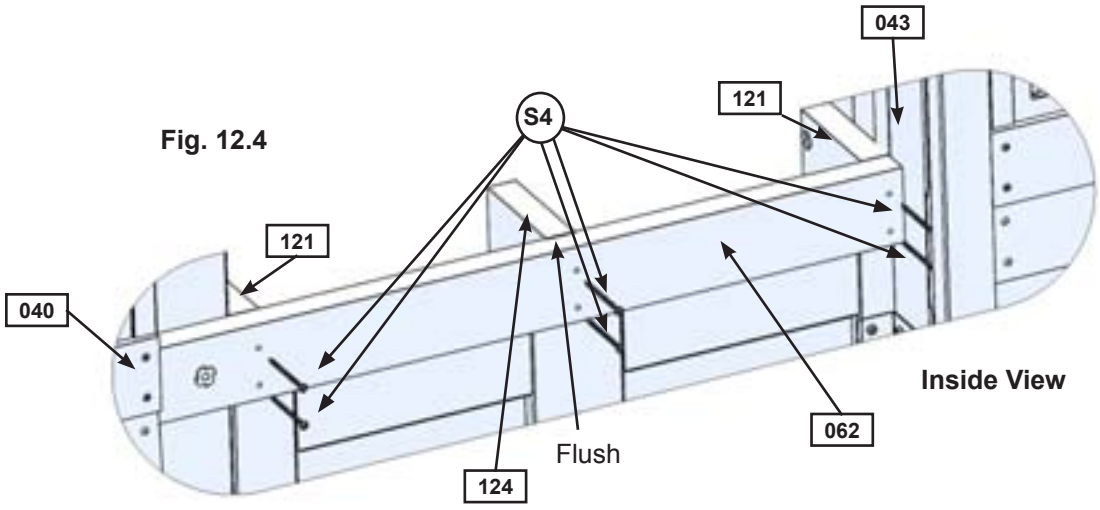


Fig. 12.4



Wood Parts

1 x [124] **Short Floor Joist FSC 2 x 4 x 5-1/4"**

Hardware

6 x (S4) **#8 x 3" Wood Screw**

Step 12: Slide Top Assembly
Part 3

E: Make sure (120) SL Top Left is flush to the inside edge of the panel support then attach to (043) SW Side Panel and attach (123) SL Top Right to (040) Cafe Wall Window Panel with 2 (S15) #8 x 1-3/4" Wood Screws per board. (fig. 12.5 and 12.6)

F: Make sure both (120) SL Top Left and (123) SL Top Right are level then tighten bolts on each Post Assembly.

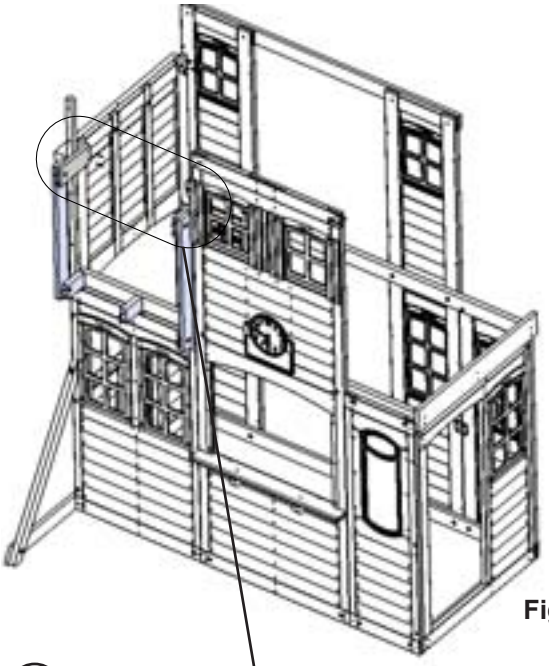


Fig. 12.5

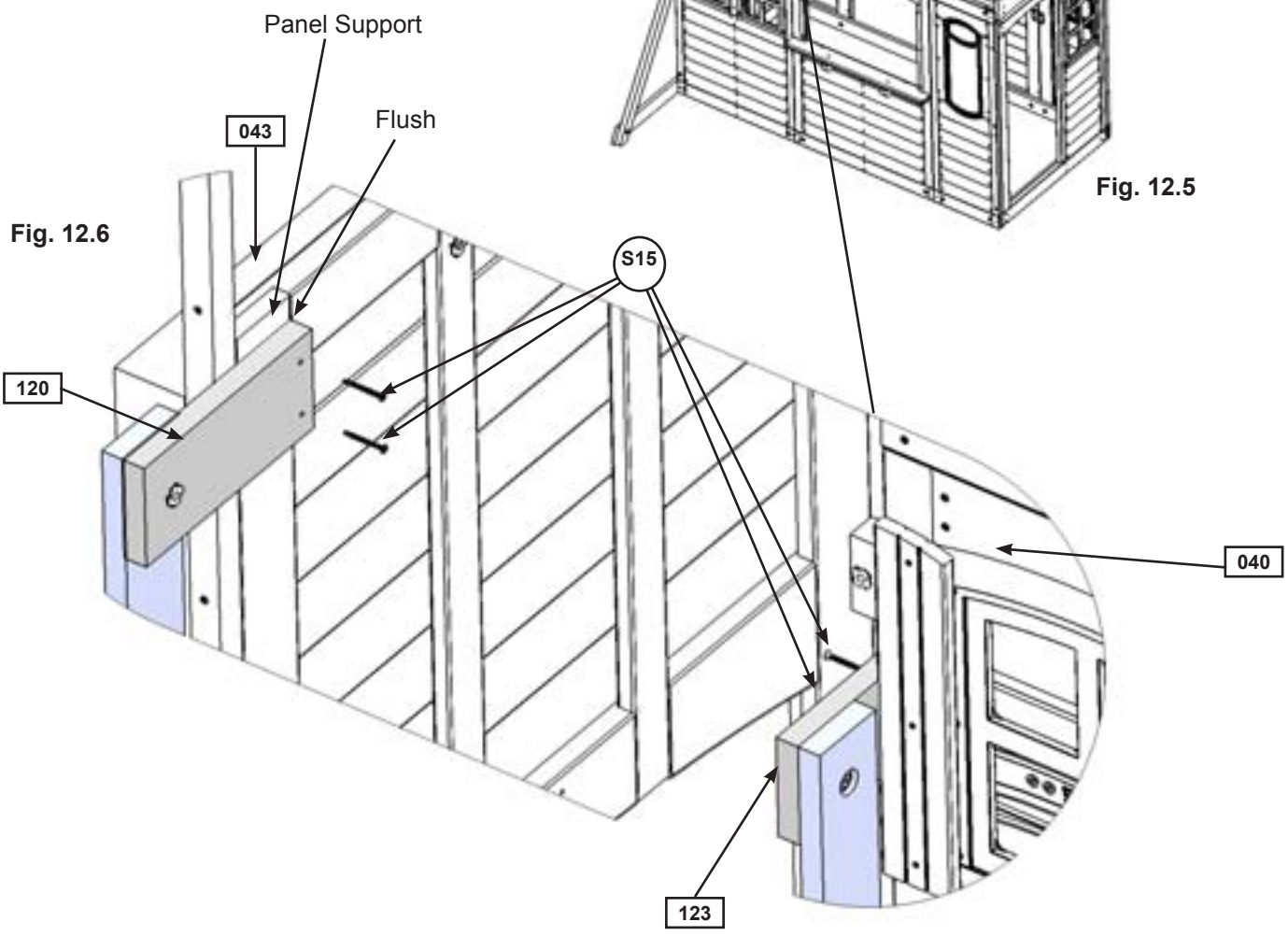


Fig. 12.6

Hardware

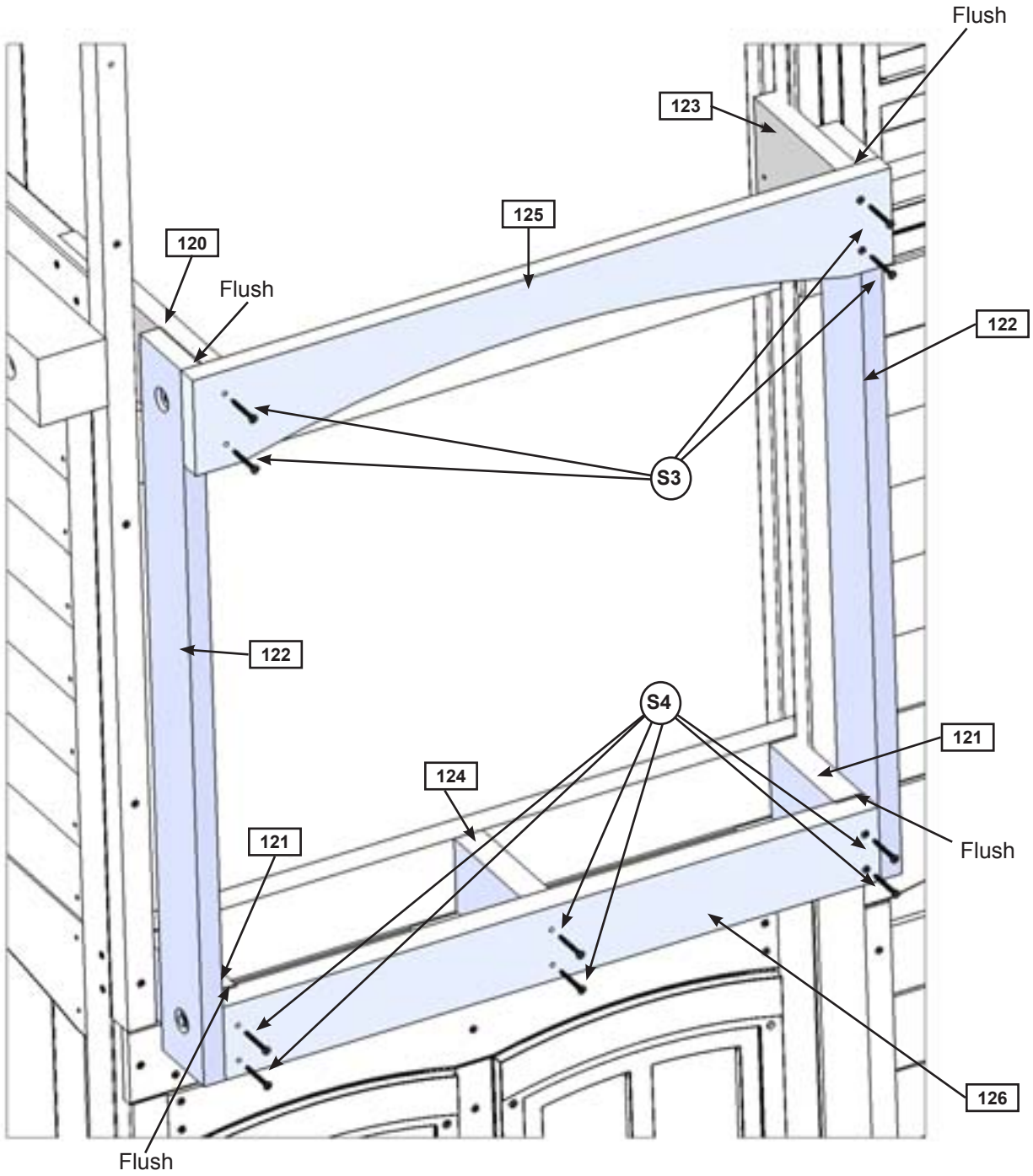
4 x (S15) #8 x 1-3/4" Wood Screw

Step 12: Slide Top Assembly
Part 4

G: Flush to the tops of each (122) Post attach (125) SL Top to (120) SL Top Left and (123) SL Top Right with 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 12.7)

H: Flush to the tops of (121) Short Joists and (124) Short Floor Joist attach (126) SL End with 6 (S4) #8 x 3" Wood Screws. (fig. 12.7)

Fig. 12.7



Wood Parts

1 x 125 SL Top FSC 5/4 x 5 x 30-5/8"
1 x 126 SL End FSC 2 x 4 x 28-3/4"

Hardware

4 x S3 #8 x 2-1/2" Wood Screw
6 x S4 #8 x 3" Wood Screw

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Step 12: Slide Top Assembly
Part 5

I: Attach (127) Front Top to (040) Cafe Wall Window Panel with 2 (WB9) 5/16 x 2-1/8” Wafer Bolts (with flat washer and t-nut) as shown in fig. 12.8 and 12.9.

J: Attach (127) Front Top to (082) SL Post with 1 (S15) #8 x 1-3/4” Wood Screw in the top hole. (fig. 12.8 and 12.9)

Fig. 12.8

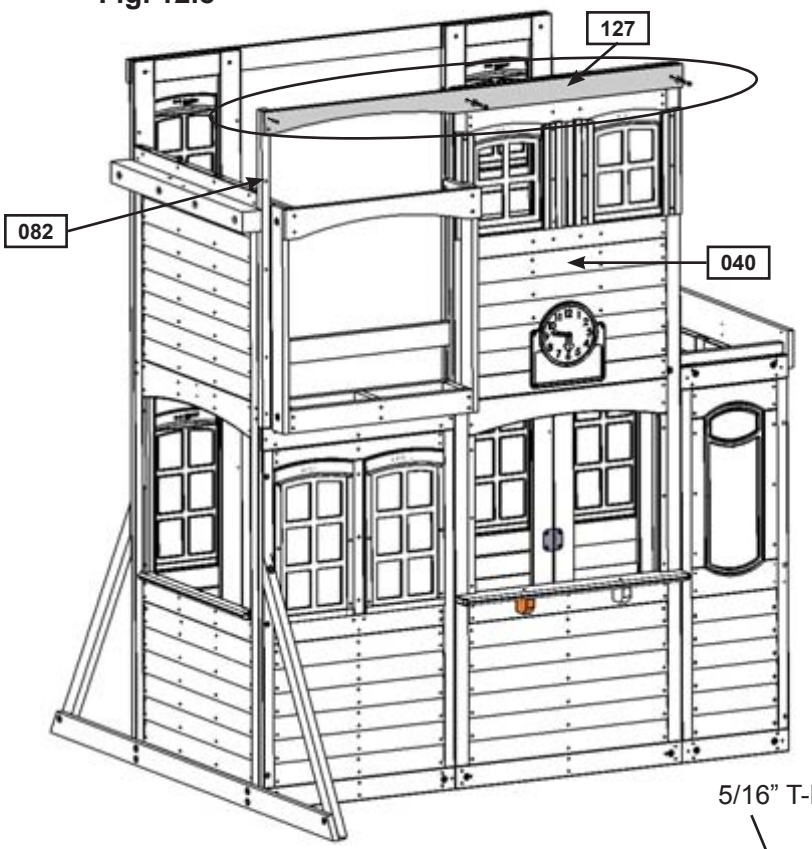
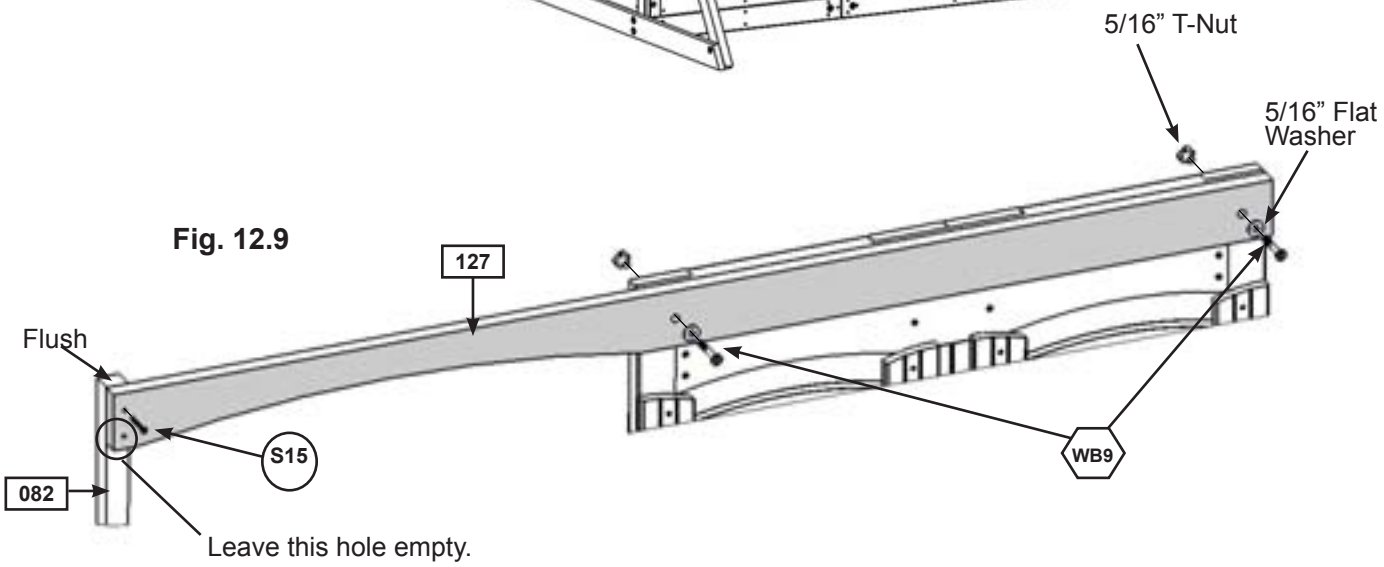


Fig. 12.9



Wood Parts

1 x 127 **Front Top FSC 5/4 x 4 x 65-1/2”**

Hardware

1 x S15 **#8 x 1-3/4” Wood Screw**

2 x WB9 **5/16 x 2-1/8” Wafer Bolt (5/16” flat washer, 5/16” t-nut)**

Step 13: Install Fort Ground Stakes

MOVE FORT TO FINAL LOCATION PRIOR TO STAKING
FINAL LOCATION MUST BE LEVEL GROUND

A: In the 4 places shown in fig. 13.1 drive the Rebar Ground Stakes 13” into the ground against (063) Front Ground, (065) Back Ground and both (111) Diagonals. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

B: Attach ground stakes to (063) Front Ground, (065) Back Ground and both (111) Diagonals using 1 (S7) #12 x 2” Pan Screw per ground stake as shown in fig. 13.2 and 13.3.

C: After driving stakes into the ground, check for sharp edges caused by the impact of the hammer. Smooth any sharp edges from impact area and touch up with outdoor paint.

⚠Warning! To prevent tipping and avoid potential injury, stakes must be driven 13” into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

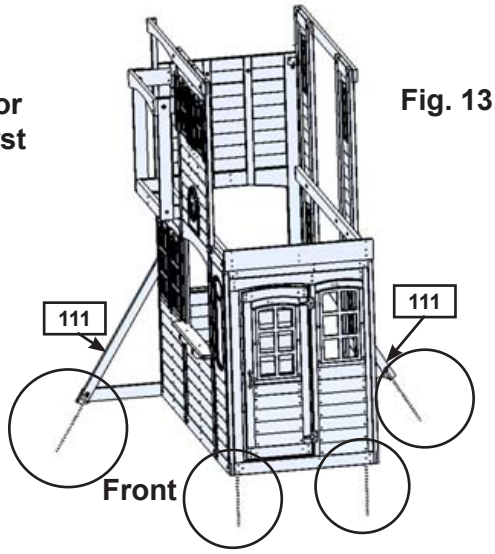
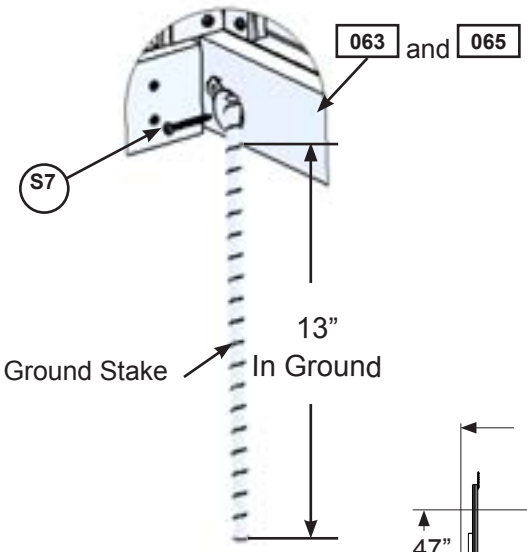


Fig. 13.1

Fig. 13.3
Inside View



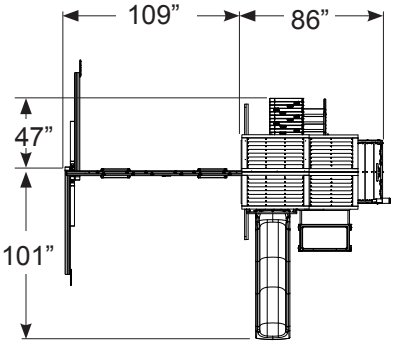
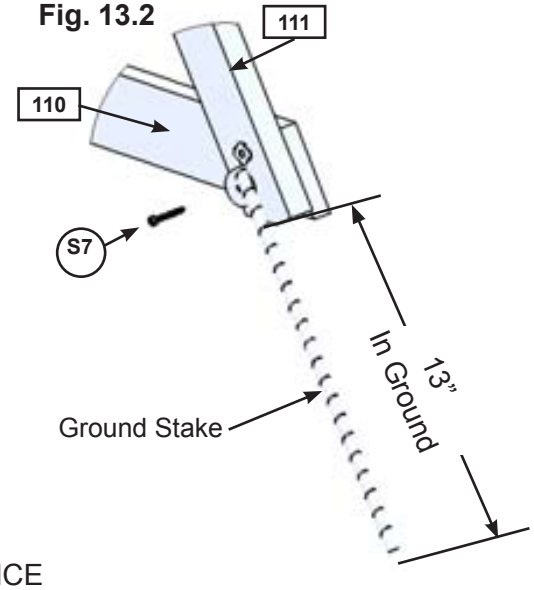


Fig. 13.2



SEE FRONT COVER FOR SAFETY CLEARANCE

Hardware

4 x (S7) #12 x 2” Pan Screw

Other Parts

4 x Rebar Ground Stake

Step 14: Attach Floor Joist

A: With one person inside the assembly line (140) Floor Joist up to the pilot holes on the (092) Floor End then attach with 2 (S4) #8 x 3" Wood Screws. The joist should rest on (061) Door Wall Window Panel. (fig. 14.1 and 14.2)

B: Line (140) Floor Joist up to the pilot holes on the (043) SW Side Panel, making sure the top of the joist is flush to the top of the panel board shown in fig. 14.3 then attach with 2 (S4) #8 x 3" Wood Screws. (fig. 14.1, 14.3 and 14.4)

Fig. 14.1

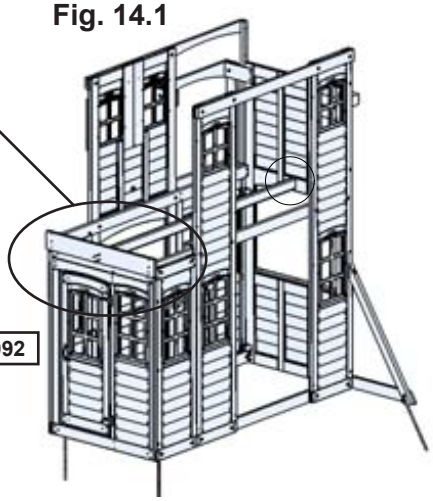


Fig. 14.2

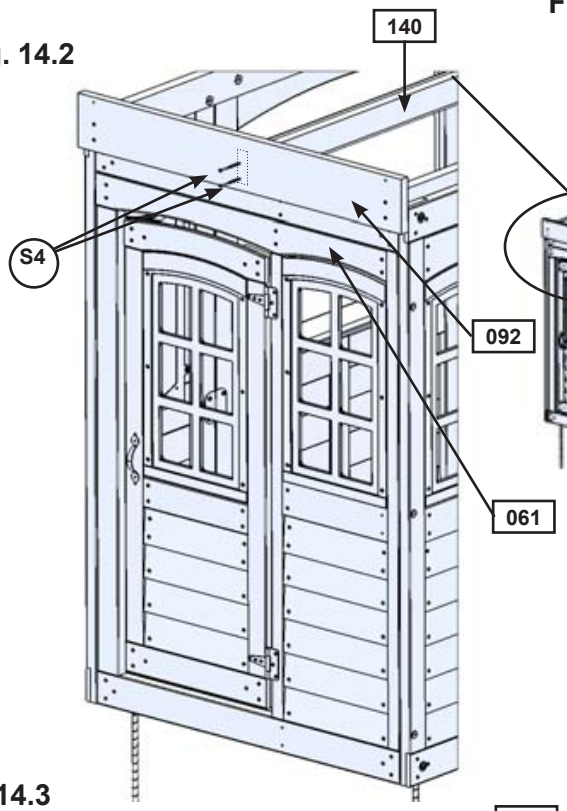


Fig. 14.4
Inside View

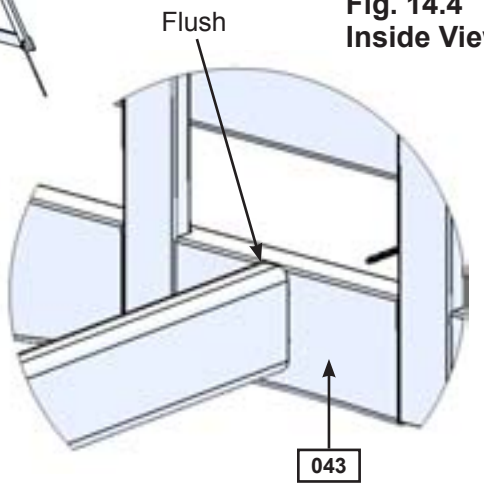
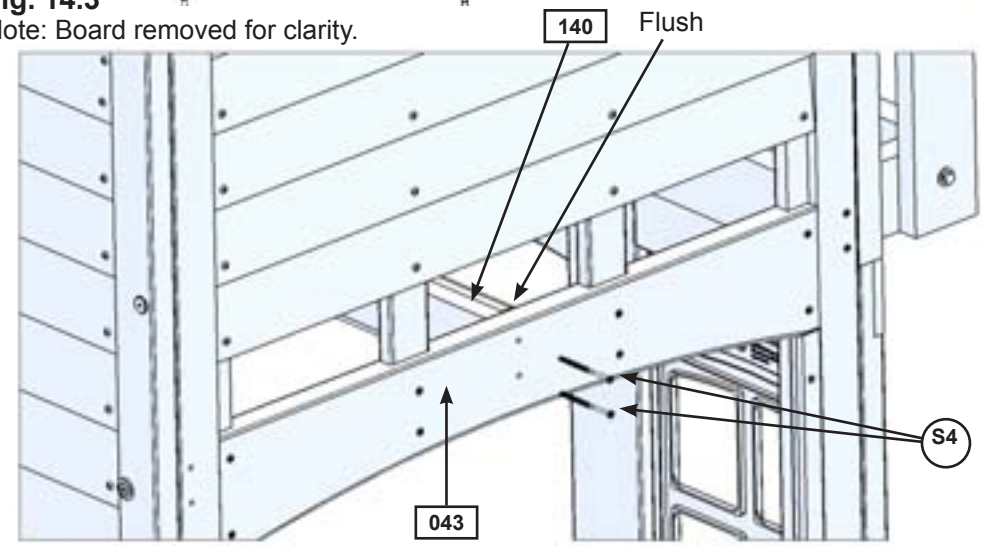


Fig. 14.3
Note: Board removed for clarity.



Wood Parts

1 x 140 **Floor Joist FSC 2 x 4 x 81"**

Hardware

4 x S4 **#8 x 3" Wood Screw**

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Step 15: Floor Board Assembly Part 1

A: Place 3 (150) Slidenest Floors on (126) SL End, (062) Front Floor, (140) Floor Joist and (064) Back Floor. These boards should be tight to (043) SW Side Panel. (fig. 15.1 and 15.2)

B: Place 3 (151) Slidenest Floor A's next to (150) Slidenest Floors. (fig. 15.1 and 15.2)

C: These floor boards are between both (121) Posts and evenly spaced. Attach all 6 boards with 8 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 15.2)

Fig. 15.1
Top View

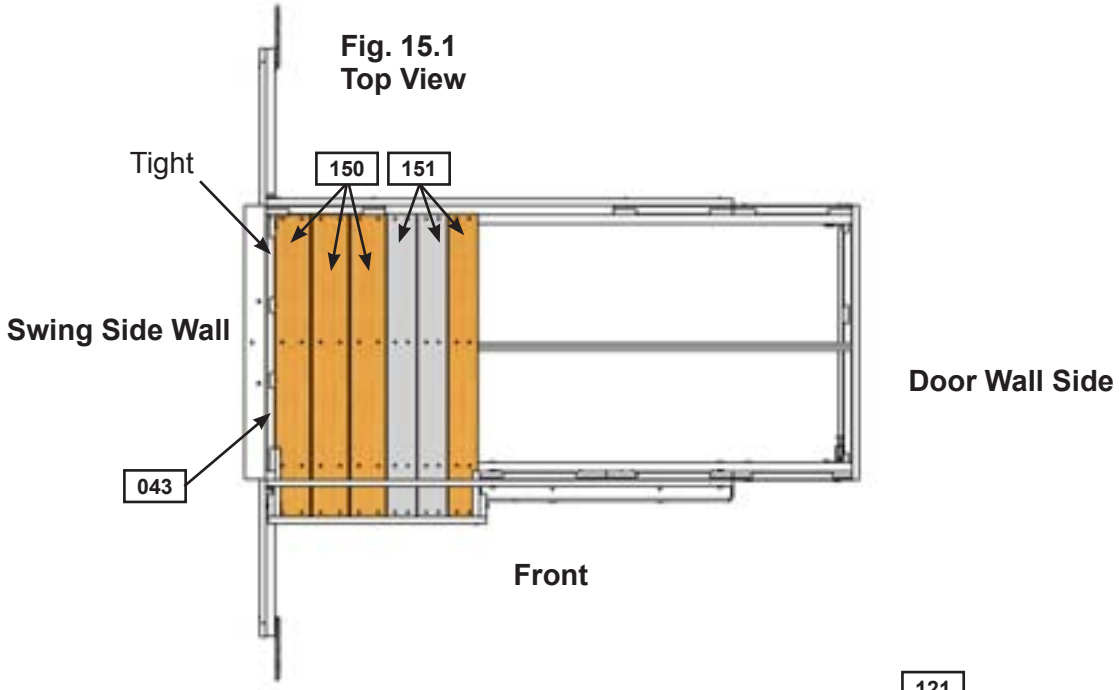
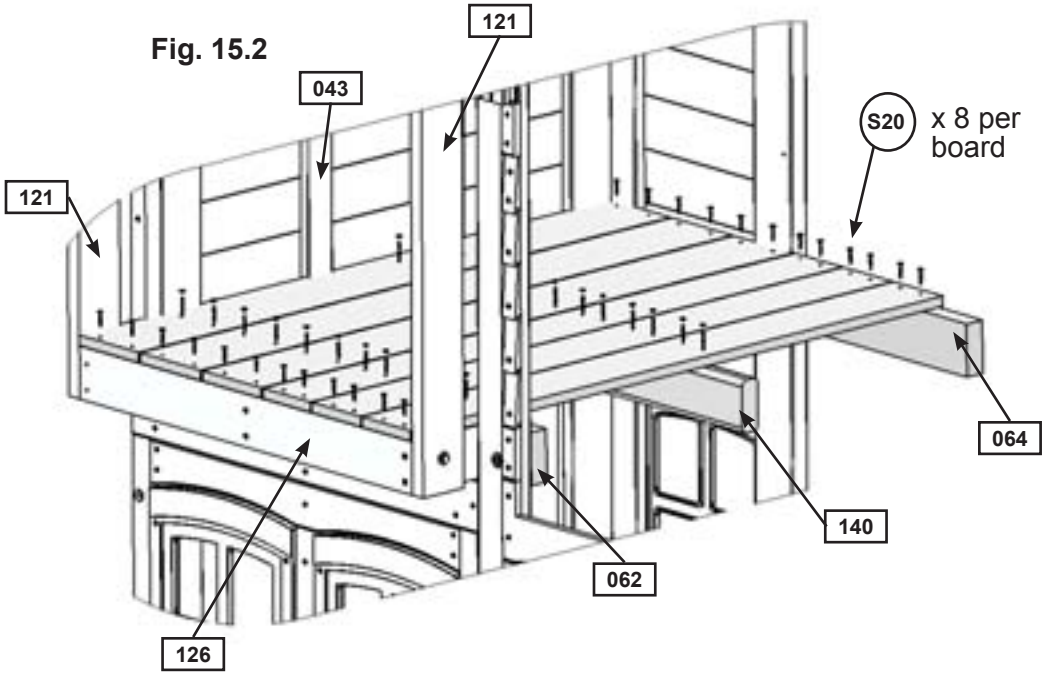


Fig. 15.2



Wood Parts

3 x 150 Slidenest Floor FSC 1 x 6 x 42-1/2"
3 x 151 Slidenest Floor A FSC 1 x 5 x 42-1/2"

Hardware

48 x S20 #8 x 1-3/8" Wood Screw

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Step 15: Floor Board Assembly Part 2

D: Next to (151) Slidenest Floor A place 9 (152) Floors followed by 1 (153) Floor A. Make sure all boards are evenly spaced and (153) Floor A is tight to (092) Floor End. (fig. 15.3)

E: Evenly space and attach the 10 unfastened floor boards to (062) Front Floor, (140) Floor Joist and (064) Back Floor with 6 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 15.4)

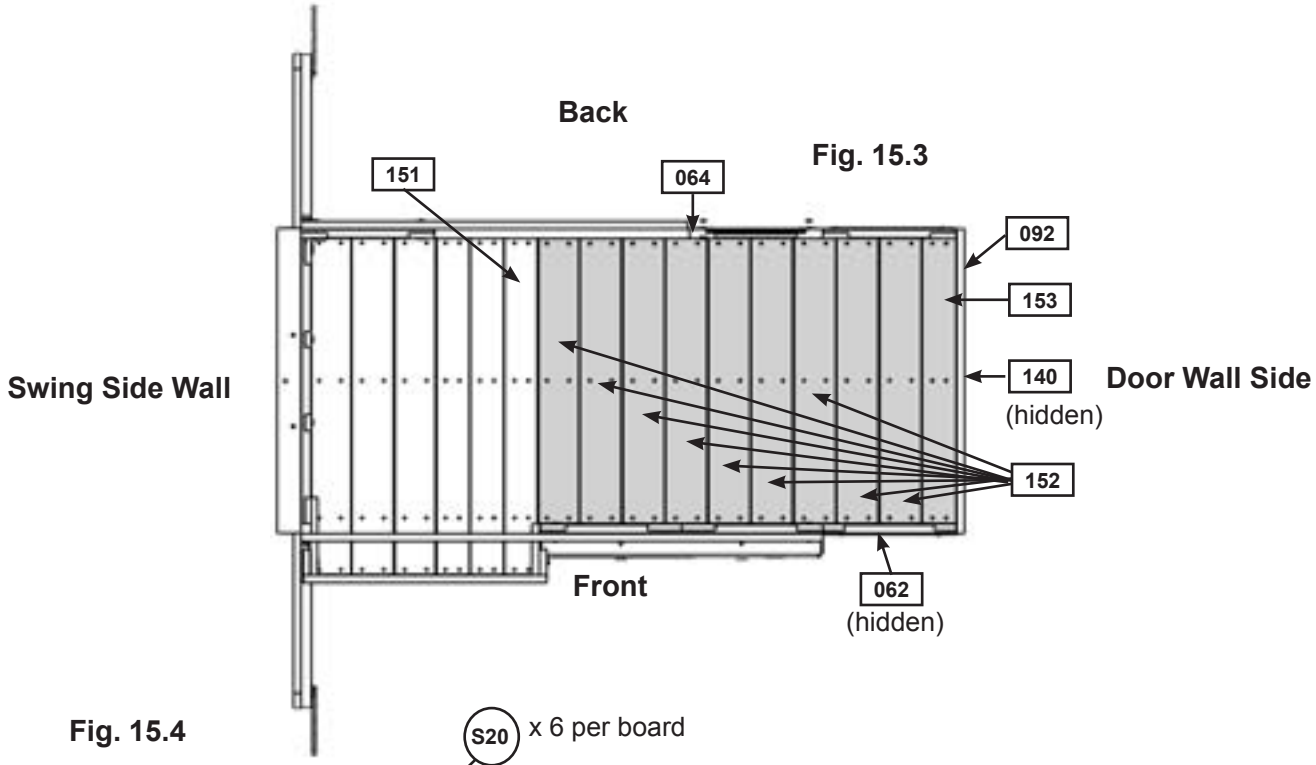
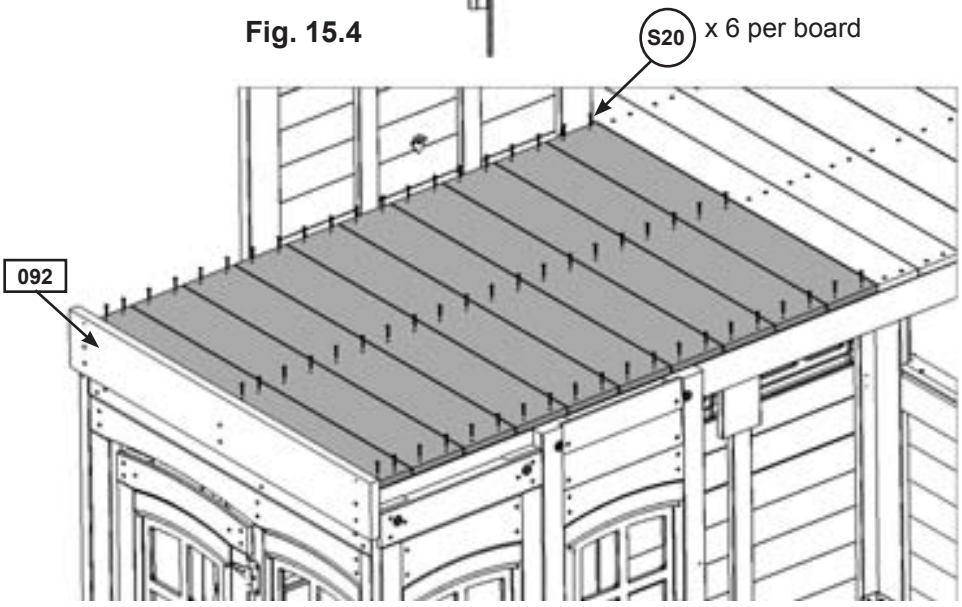


Fig. 15.3

Fig. 15.4



Wood Parts

9 x [152] Floor FSC 1 x 6 x 36"
1 x [153] Floor A FSC 1 x 5 x 36"

Hardware

60 x (S20) #8 x 1-3/8" Wood Screw

Step 16: Crowsnest Assembly Part 1

A: Loosely attach (160) Crowsnest Top flush to the top of 2 (161) Crowsnest Posts, noticing the bolt holes are at the top, with 2 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut). (fig. 16.1, 16.2 and 16.3)

B: Loosely attach 1 (162) Crowsnest Side flush to the top of each (161) Crowsnest Posts with 2 (WB9) 5/16 x 2-1/8" Wafer Bolts (with flat washer and t-nut). (fig. 16.1, 16.2 and 16.3)

Fig. 16.1

Fig. 16.2

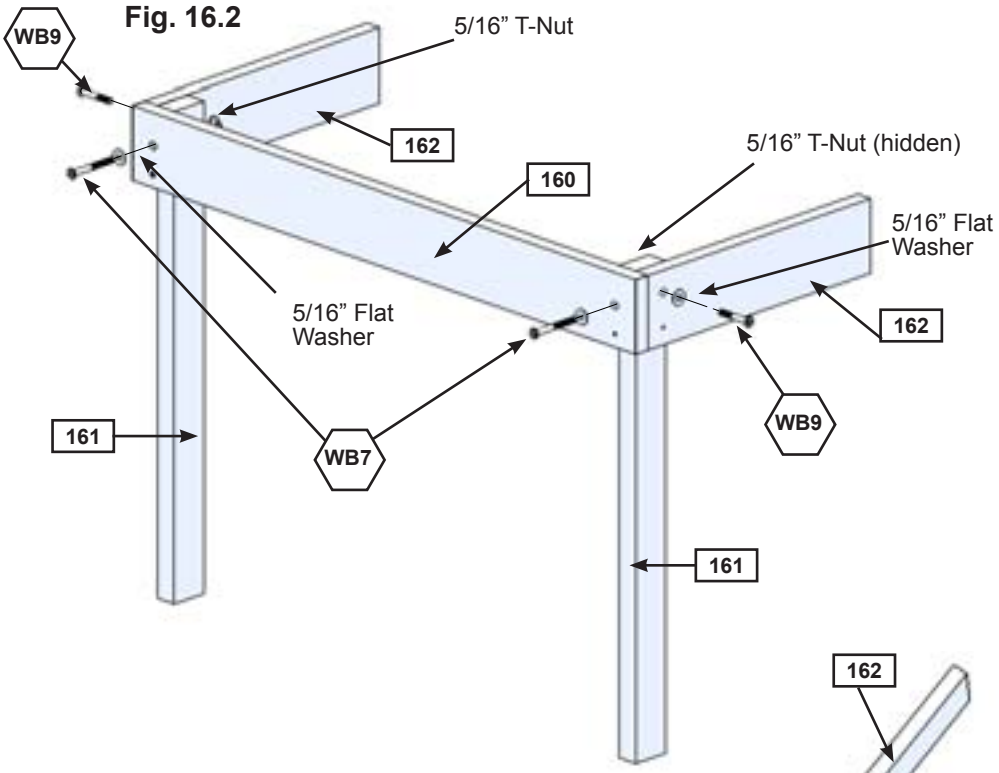
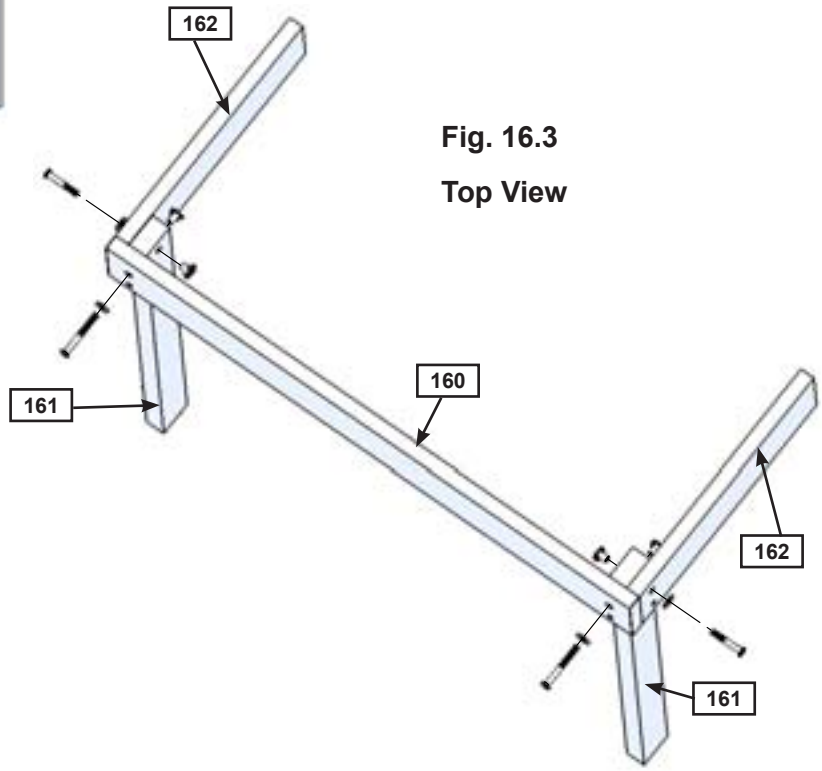


Fig. 16.3

Top View



Wood Parts

- 1 x 160 Crowsnest Top FSC 5/4 x 5 x 37-7/8"
- 2 x 161 Crowsnest Post FSC 2 x 3 x 28"
- 2 x 162 Crowsnest Side FSC 5/4 x 5 x 16-3/4"

Hardware

- 2 x WB7 5/16 x 3" Wafer Bolt (5/16" flat washer, 5/16" t-nut)
- 2 x WB9 5/16 x 2-1/8" Wafer Bolt (5/16" flat washer, 5/16" t-nut)

Step 16: Crowsnest Assembly Part 2

C: Tight to the top of (042) Chalkwall Panel place 1 (163) Crowsnest Bottom in between (040) Cafe Wall Window Panel and (092) Floor End on the front of the assembly. Notice the pilot hole at the top of the board. Attach to (062) Front Floor with 3 (S7) #12 x 2" Pan Screws. (fig. 16.4 and 16.5).

D: Tight to the top of (060) Half Narrow Window Panel place a second (163) Crowsnest Bottom in between (050) Narrow Window Panel and (092) Floor End on the back of the assembly. Notice the pilot hole at the top of the board. Attach to (064) Back Floor with 3 (S7) #12 x 2" Pan Screws. (fig. 16.4 and 16.5)

Fig. 16.4

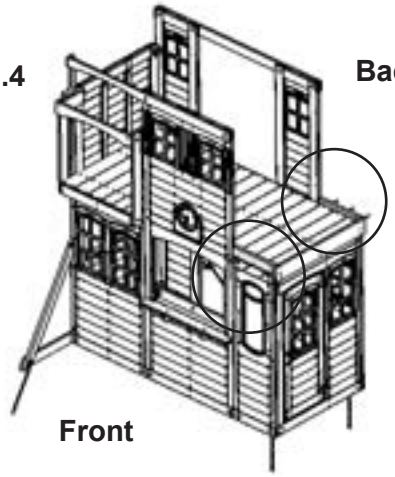
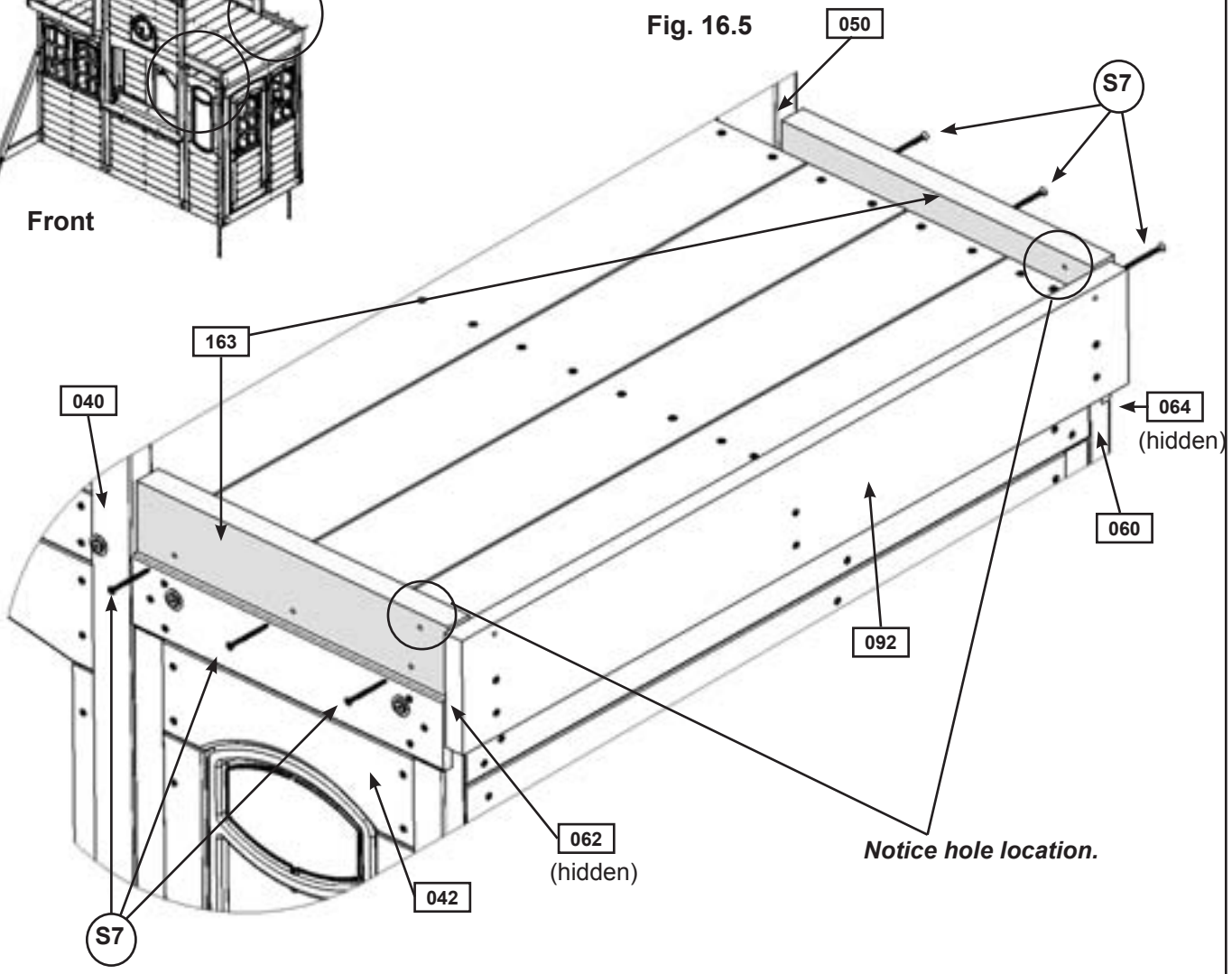


Fig. 16.5



Wood Parts

2 x 163 Crowsnest Bottom FSC 2 x 4 x 16-3/4"

Hardware

6 x S7 #12 x 2" Pan Screw

Step 16: Crowsnest Assembly Part 3

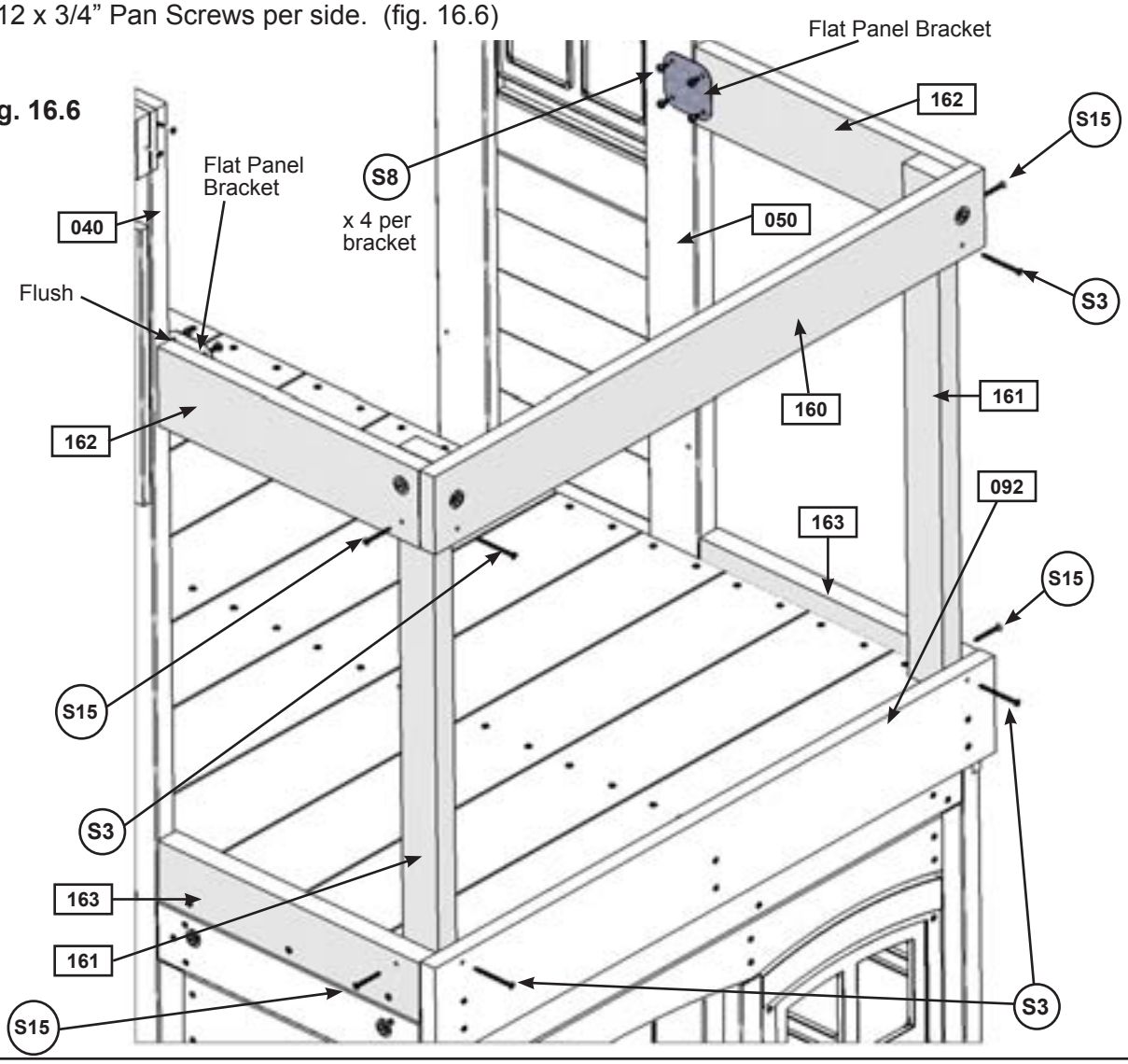
E: Place Crowsnest Frame Assembly from Step 16, Part 1 on the fort so the (161) Crowsnest Posts are tight to (092) Floor End and (163) Crowsnest Bottoms. (162) Crowsnest Sides should be tight to (040) Cafe Wall Window Panel and (050) Narrow Window Panel, flush to the inside edges of each panel and level. Make sure Crowsnest Frame Assembly is square then fasten (162) Crowsnest Sides to each (161) Crowsnest Post with 1 (S15) #8 x 1-3/4" Wood Screw per post and (160) Crowsnest Top to each (161) Crowsnest Post with 1 (S3) #8 x 2-1/2" Wood Screw per post. (fig. 16.6)

F: Attach each (163) Crowsnest Bottom to each (161) Crowsnest Post with 1 (S15) #8 x 1-3/4" Wood Screw per post. (fig. 16.6)

G: Attach (092) Floor End to both (161) Crowsnest Posts with 2 (S3) #8 x 2-1/2" Wood Screws then tighten all bolts from this step. (fig. 16.6)

H: Pre-drill with a 1/8" drill bit then attach (162) Crowsnest Sides to the panels using 1 Flat Panel Bracket with 4 (S8) #12 x 3/4" Pan Screws per side. (fig. 16.6)

Fig. 16.6



Hardware

4 x (S15) #8 x 1-3/4" Wood Screw

4 x (S3) #8 x 2-1/2" Wood Screw

8 x (S8) #12 x 3/4" Pan Screw

Other Parts

2 x Flat Panel Bracket

Step 16: Crowsnest Assembly Part 4

I: Measure 14-1/2” from the inside edge of (161) Crowsnest Post and attach (164) Centre Wall Board to (160) Crowsnest Top and (092) Floor End with 4 (S20) #8 x 1-3/8” Wood Screws as shown in fig. 16.7 and 16.8. (164) Centre Wall Board should sit tight on top of (153) Floor A.

J: Place (165) Steering Wheel Dash on top of (160) Crowsnest Top, centred over (164) Centre Wall Board and attach to (160) Crowsnest Top with 2 (S3) #8 x 2-1/2” Wood Screws and to (164) Centre Wall Board with 2 (S20) #8 x 1-3/8” Wood Screws. (fig. 16.8)

Fig. 16.7

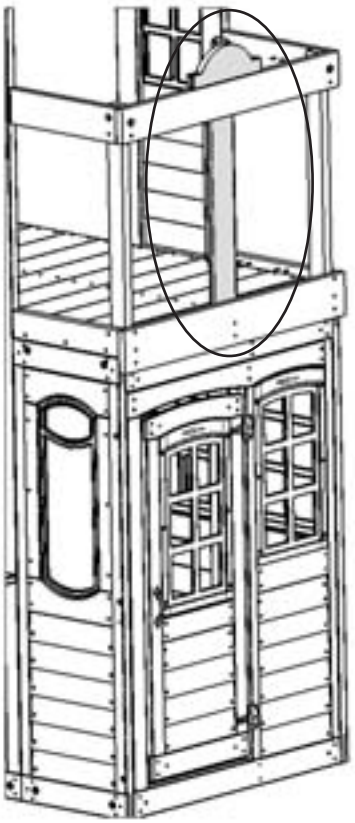
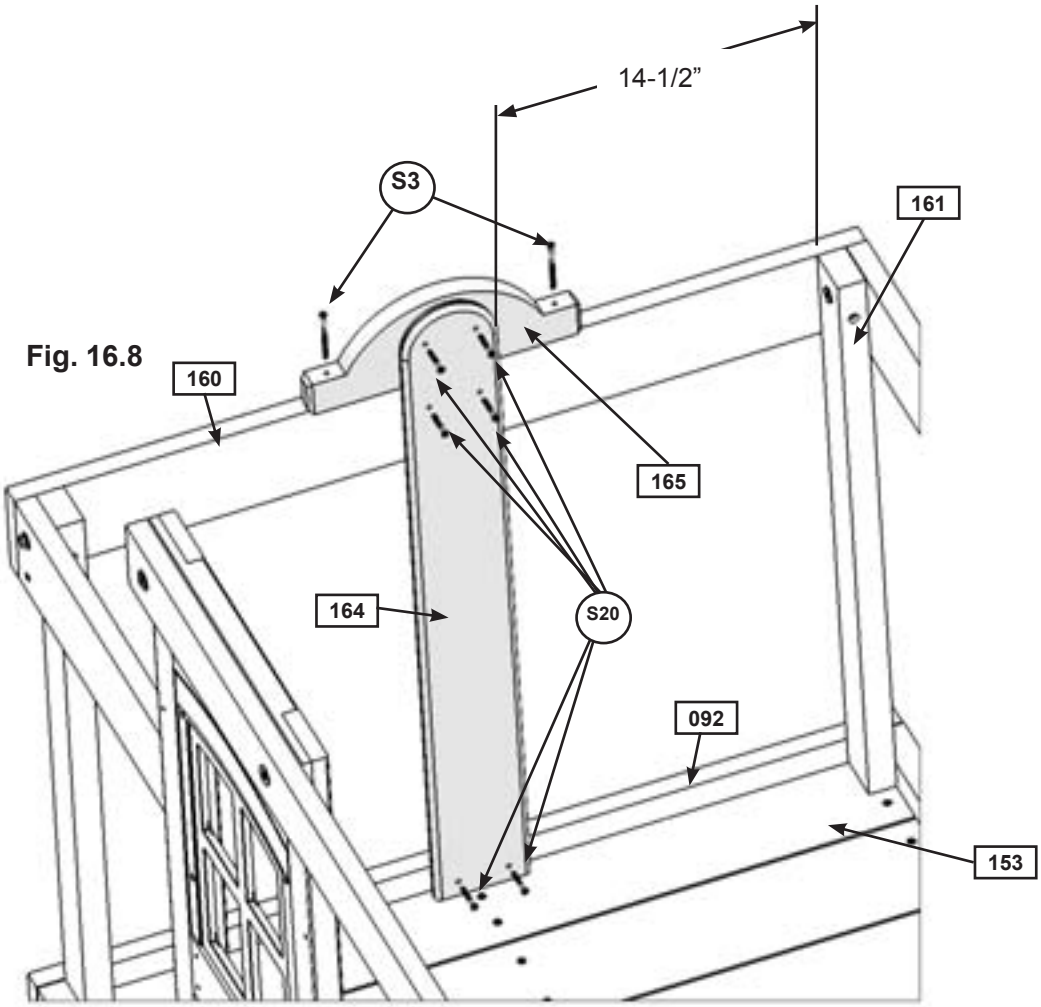


Fig. 16.8



Wood Parts

1 x 164 Centre Wall Board FSC 1 x 5 x 32”
1 x 165 Steering Wheel Dash FSC 5/4 x 5 x 12-1/8”

Hardware

2 x S3 #8 x 2-1/2” Wood Screw
6 x S20 #8 x 1-3/8” Wood Screw

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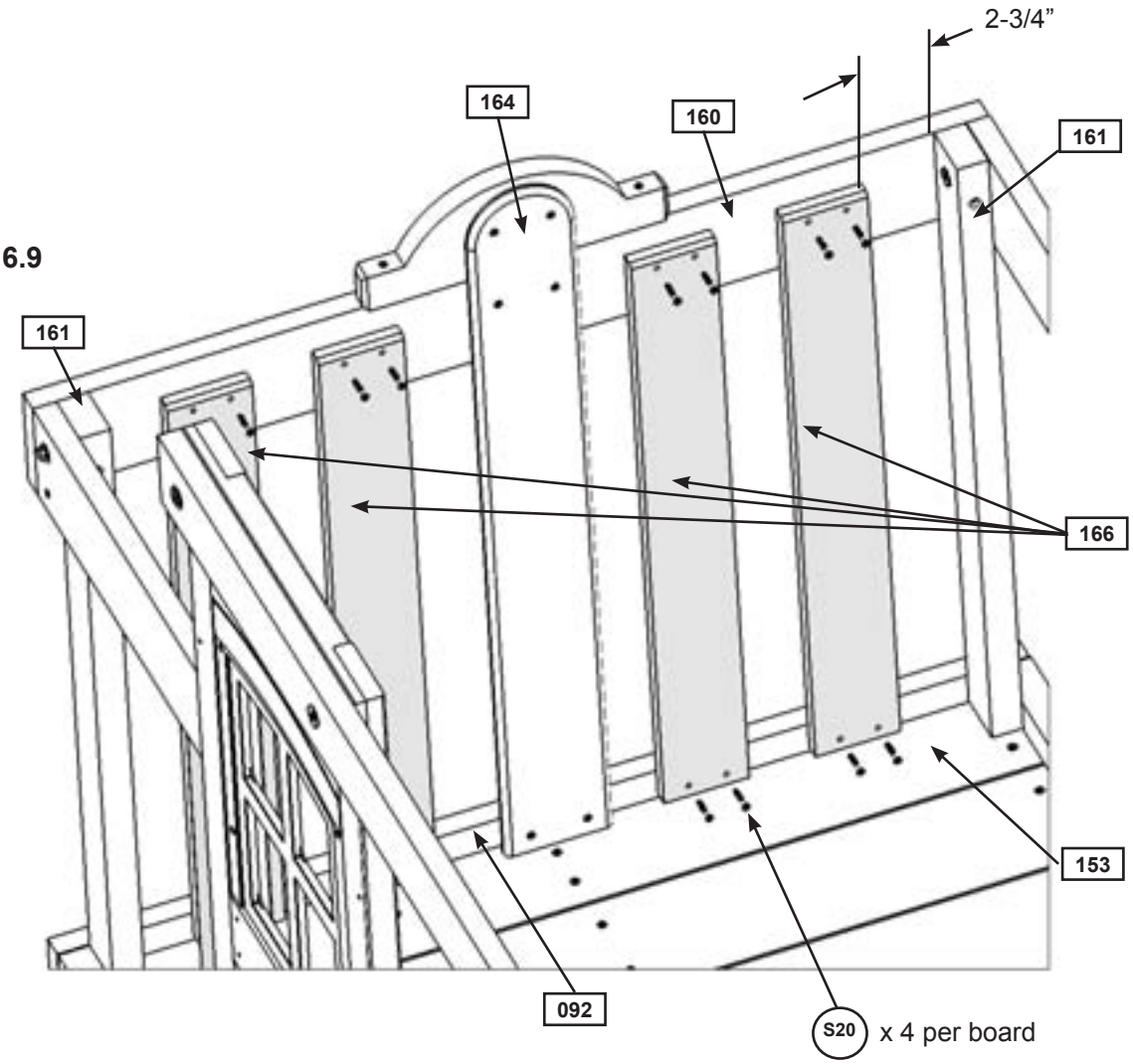
Step 16: Crowsnest Assembly Part 5

K: Measure 2-3/4” from each (161) Crowsnest Post and attach 2 (166) Wall Boards to (160) Crowsnest Top and (092) Floor End, tight to (153) Floor A, with 4 (S20) #8 x 1-3/8” Wood Screws per board. (fig. 16.9)

L: Evenly space 2 more (166) Wall Boards between (164) Centre Wall Board and the first (166) Wall Boards, tight to (153) Floor A, then attach to (160) Crowsnest Top and (092) Floor End with 4 (S20) #8 x 1-3/8” Wood Screws per board. (fig. 16.9)

Fig. 16.9



Wood Parts

4 x 166 **Wall Board FSC 1 x 4 x 26-1/2”**

Hardware

16 x S20 **#8 x 1-3/8” Wood Screw**

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Step 16: Crowsnest Assembly Part 6

M: Measure 2-5/8” from both (161) Crowsnest Posts and attach 1 (166) Wall Board per side to (162) Crowsnest Sides and (163) Crowsnest Bottoms, tight to (152) Floors, with 4 (S20) #8 x 1-3/8” Wood Screws per board. (fig. 16.10 and 16.11)

N: Evenly space 1 (166) Wall Board between (040) Cafe Wall Window Panel and (166) Wall Board and between (050) Narrow Window Panel and (166) Wall Board, tight to (152) Floors, then attach to (162) Crowsnest Sides and (163) Crowsnest Bottoms with 4 (S20) #8 x 1-3/8” Wood Screws per board. (fig. 16.10 and 16.11)

Fig. 16.11

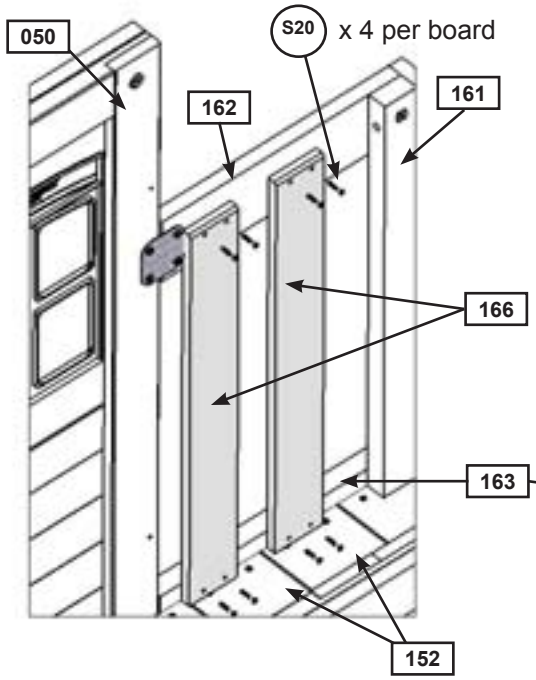
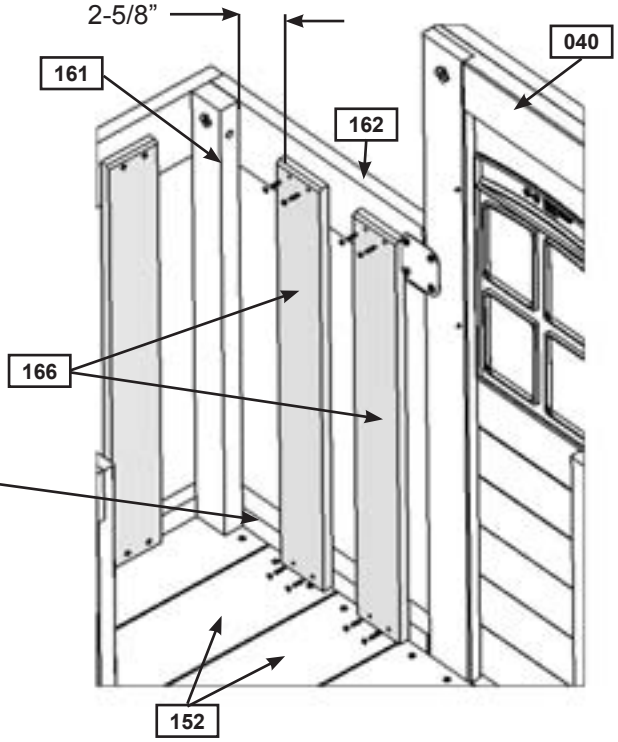


Fig. 16.10



Wood Parts

4 x 166 **Wall Board FSC 1 x 4 x 26-1/2”**

Hardware

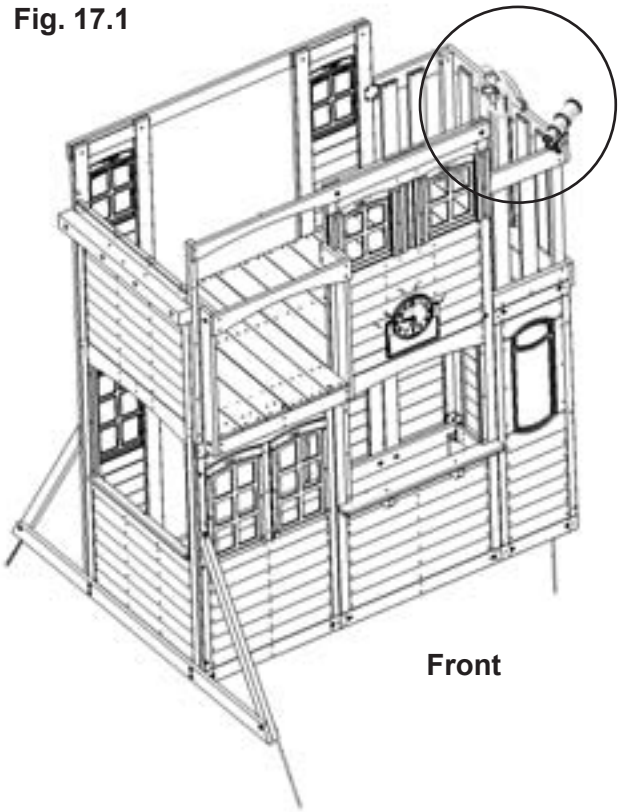
16 x S20 **#8 x 1-3/8” Wood Screw**

Step 17: Attach Steering Wheel and Telescope

A: Pre-drill with a 1/8" drill bit, then attach Steering Wheel to (164) Centre Wall Board and (165) Steering Wheel Dash with 1 (WL5) 1/4 x 2-1/2" Wafer Lag (with flat washer). (fig. 17.1 and 17.2)

B: On the Front of the assembly attach Telescope to (161) Crowsnest Post and (162) Crowsnest Side with 2 (S15) #8 x 1-3/4" Wood Screws. (fig. 17.1 and 17.3)

Fig. 17.1



Front

Fig. 17.3

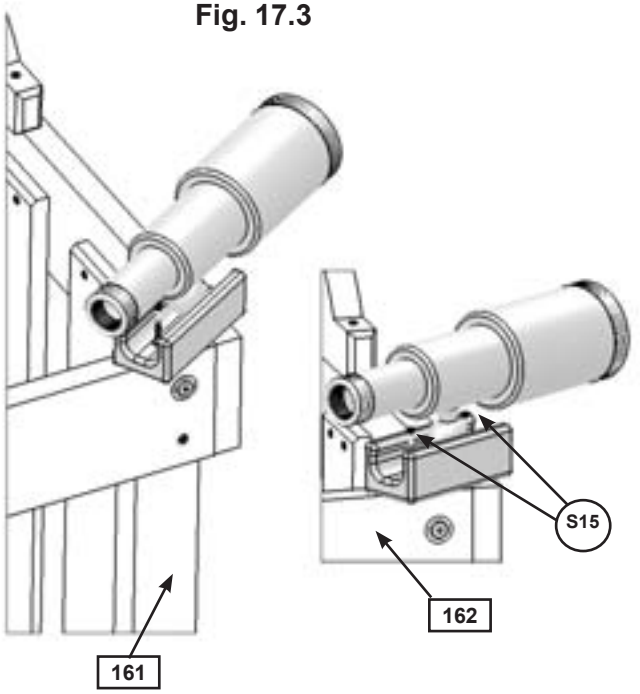
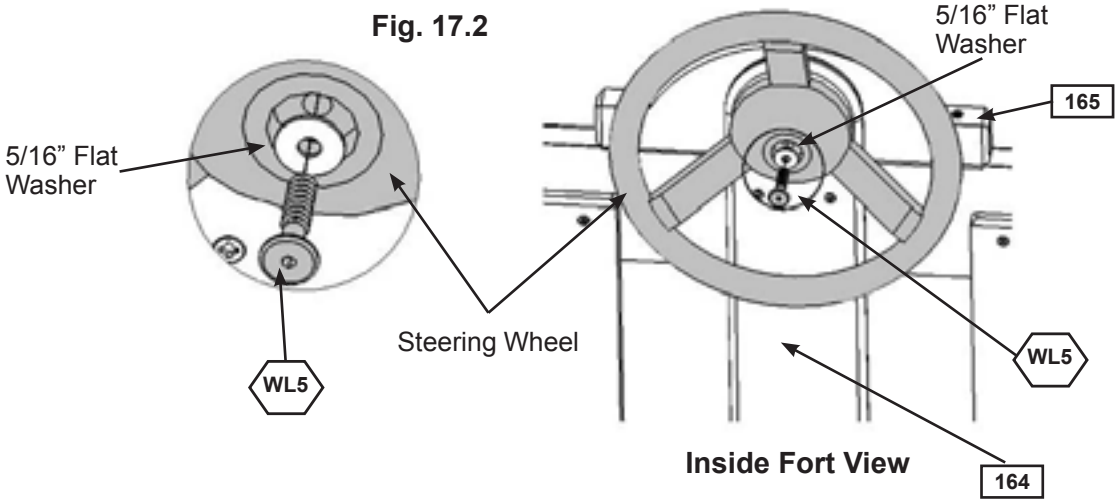


Fig. 17.2



Inside Fort View

Hardware

1 x WL5 **1/4 x 2-1/2" Wafer Lag (5/16" flat washer)**

2 x S15 **#8 x 1-3/4" Wood Screw**

Other Parts

1 x Steering Wheel

1 x Telescope

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Step 18: Roof Support Assembly Part 1

A: Attach (180) Roof Support to (181) Roof Support Left at peak using 1 (S4) #8 x 3" Wood Screw. (fig. 18.1)

B: Place (182) Top Post Right and (183) Top Post Left on the ground with the notched out side facing up. Place (184) SW Top over (182) and (183) Top Post Right and Left so the notches fit together. (fig. 18.2 and 18.3)

C: Place Roof Support Assembly over (184) SW Top with the counter sunk holes facing up then attach with 2 (G8) 5/16 x 2" Hex Bolts (with lock washer, flat washer and t-nut). The angled edges of (182) and (183) Top Post Right and Left should be flush to the outside edges of (180) Roof Support and (181) Roof Support Left and the tips of each (182) and (183) Top Post Right and Left should be flush to the top of (184) SW Top. (fig. 18.2 and 18.3)

Fig. 18.2

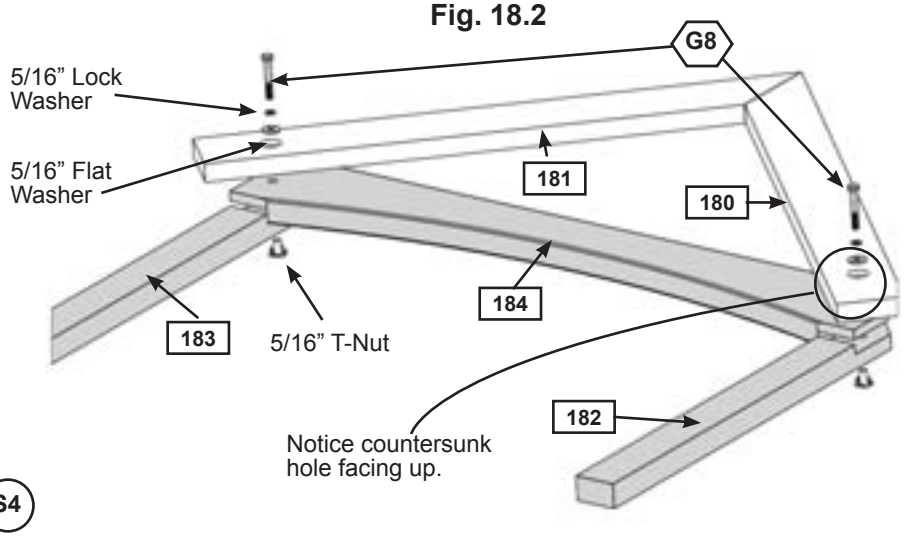


Fig. 18.1

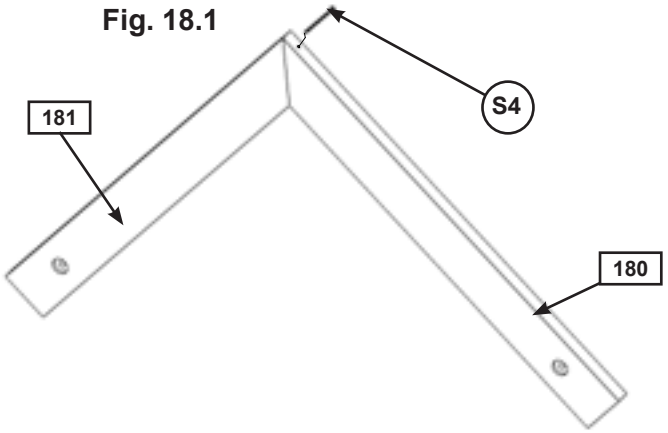
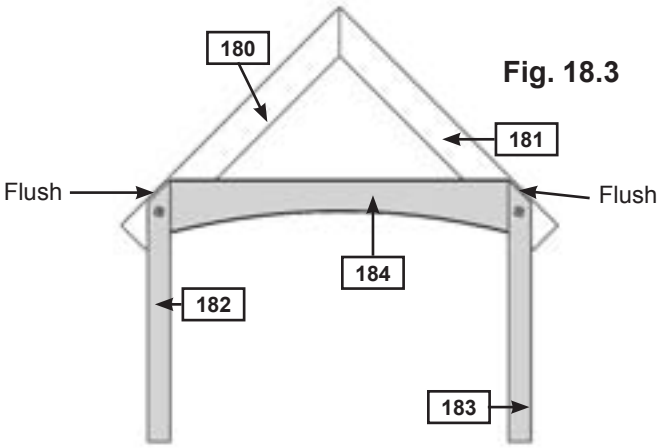


Fig. 18.3



Wood Parts

- 1 x 180 **Roof Support FSC 5/4 x 4 x 29"**
- 1 x 181 **Roof Support Left FSC 5/4 x 4 x 29"**
- 1 x 182 **Top Post Right FSC 1-1/4 x 2-1/8 x 24-5/8"**
- 1 x 183 **Top Post Left FSC 1-1/4 x 2-1/8 x 24-5/8"**
- 1 x 184 **SW Top FSC 1-1/4 x 5 x 36"**

Hardware

- 1 x S4 **#8 x 3" Wood Screw**
- 2 x G8 **5/16 x 2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**

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Step 18: Roof Support Assembly Part 2

D: Place Roof Support Assembly on the ground with the front facing down then measure 12” from the centre of either bolt hole and 2” down from the top of (184) SW Top and attach 1 (185) Sunburst with 2 (S15) #8 x 1-3/4” Wood Screws to the outside of the assembly. (fig. 18.4 and 18.5)

Fig. 18.4
Inside View

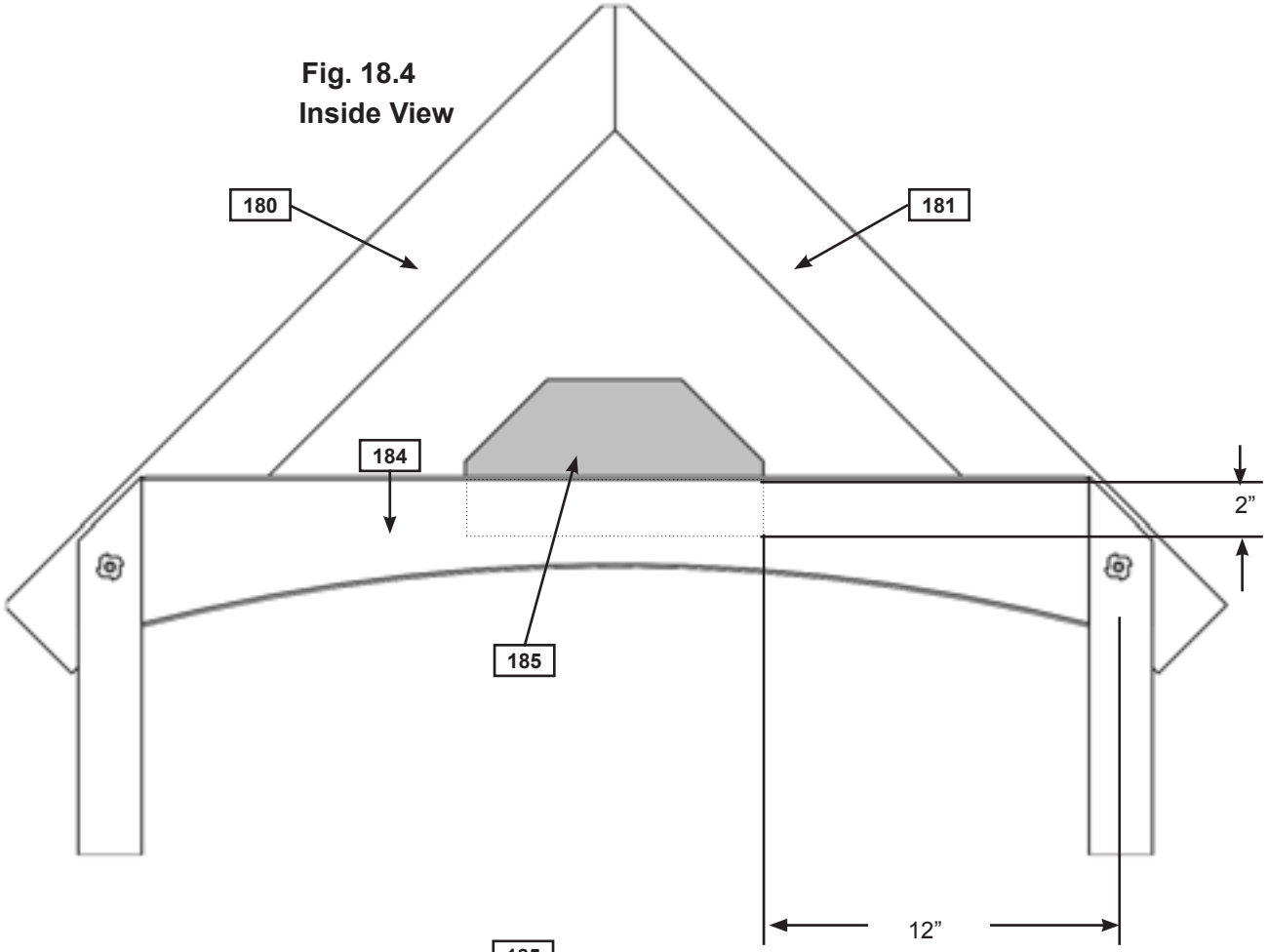
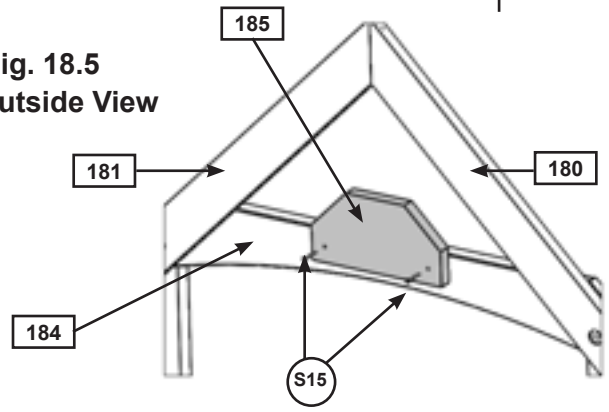


Fig. 18.5
Outside View



Wood Parts

1 x 185 **Sunburst FSC 5/4 x 6 x 10”**

Hardware

2 x S15 **#8 x 1-3/4” Wood Screw**

Step 18: Roof Support Assembly Part 3

E: Place (186) Centre Gable on (185) Sunburst, tight to the top of (184) SW Top so the tip is centred at the peak of the Roof Support Assembly. (fig. 18.6)

F: Place 1 (187) Side Gable tight to each side of (186) Centre Gable so they are tight to the top of (184) SW Top. (fig. 18.6)

G: Attach (186) Centre Gable with 4 (S20) #8 x 1-3/8" Wood Screws, and both (187) Side Gables, with 3 (S20) #8 x 1-3/8" Wood Screws per board, to (185) Sunburst, (180) Roof Support and (181) Roof Support Left, as shown in fig. 18.6.

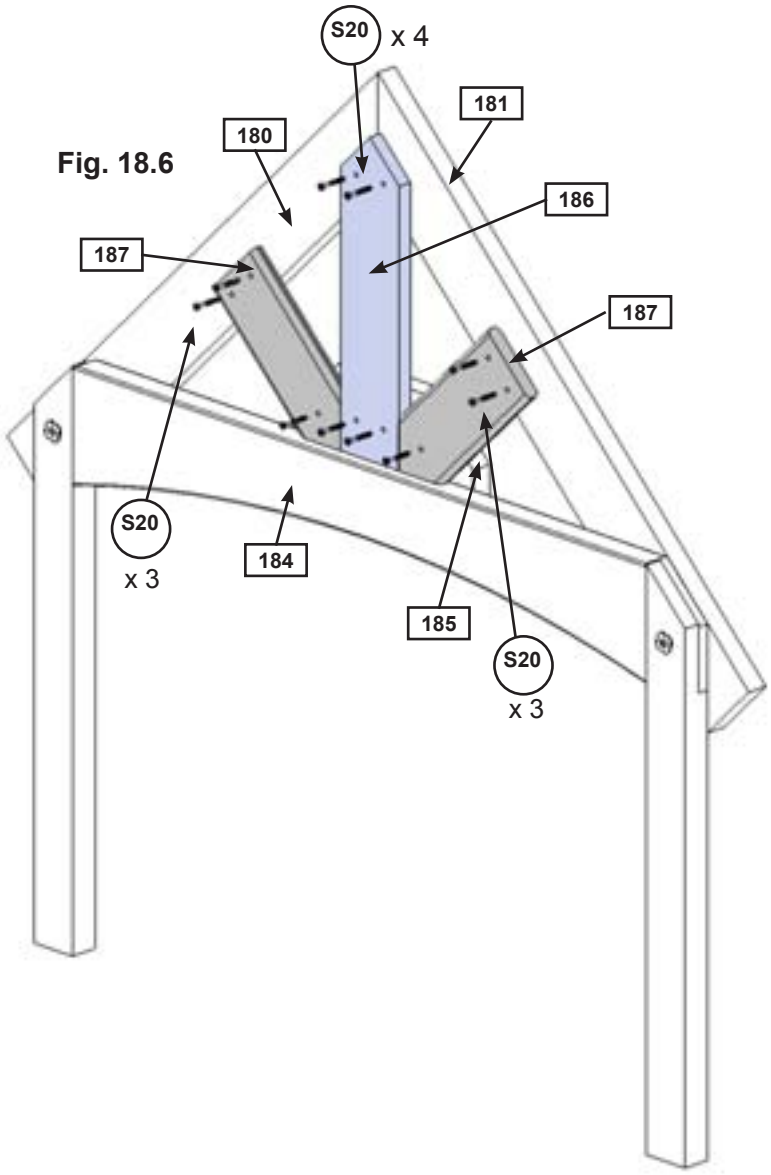


Fig. 18.6

Wood Parts

1 x 186 Centre Gable FSC 1 x 4 x 13-1/2"
2 x 187 Side Gable FSC 1 x 4 x 8-1/2"

Hardware

10 x S20 #8 x 1-3/8" Wood Screw

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Step 19: Gable Angle Support Assembly Part 1

A: Attach (190) Right Gable Angle to (191) Left Gable Angle at peak using 1 (S4) #8 x 3" Wood Screw. (fig. 19.1)

B: In the bolt holes on (192) Gable Bottom tap in 2 - 5/16" t-nuts then place (192) Gable Bottom on (190) Right Gable Angle and (191) Left Gable Angle so it is flush to the outside edges of the boards. (fig. 19.2)

C: Flip the assembly over so the large counter sunk holes are facing up. Attach (192) Gable Bottom to (190) Right Gable Angle and (191) Left Gable Angle with 2 (G8) 5/16 x 2" Hex Bolts (with lock washer and flat washer). (fig. 19.2 and 19.3)

Fig. 19.1

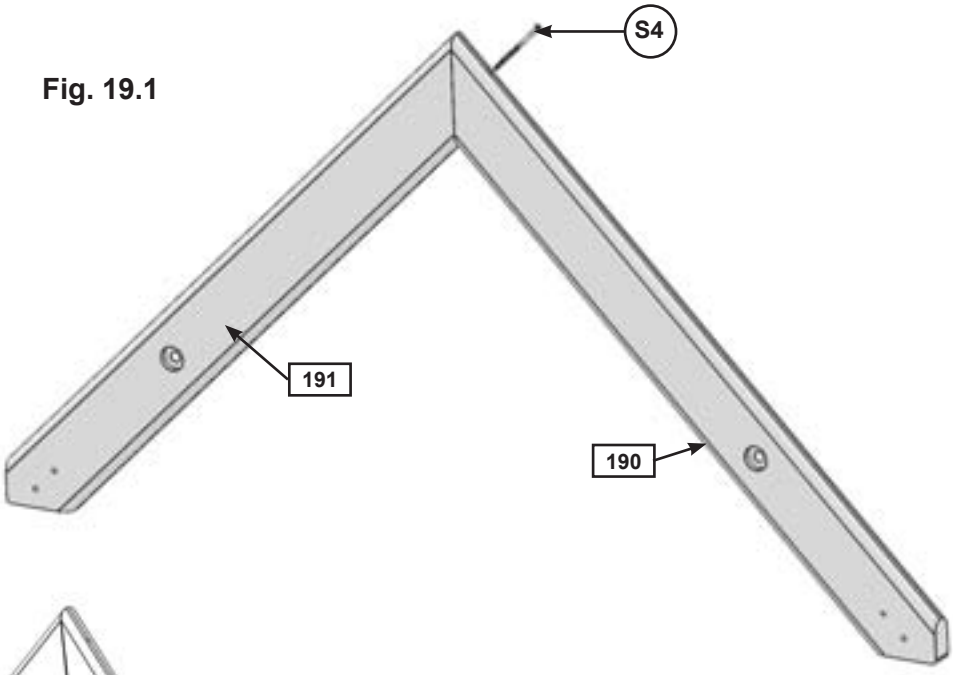


Fig. 19.2

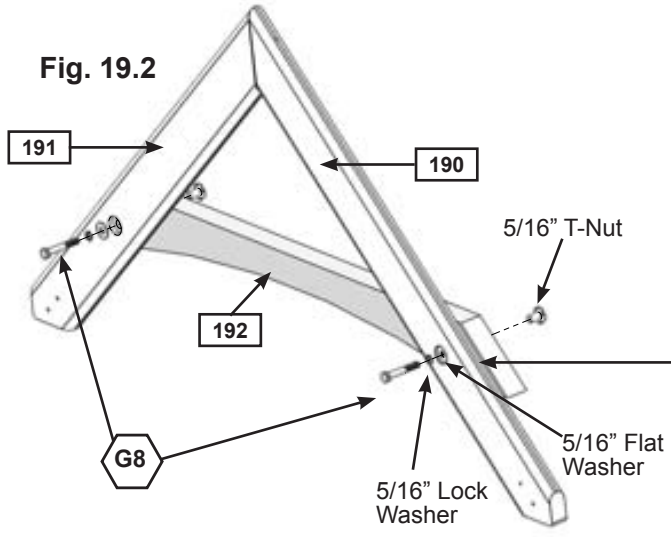
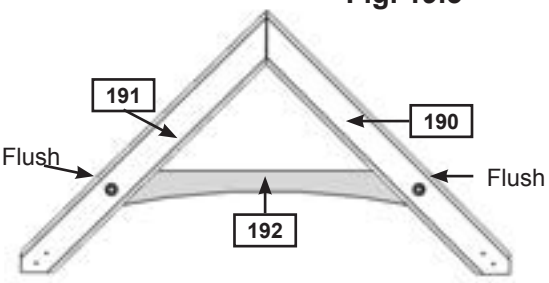


Fig. 19.3



Wood Parts

- 1 x 190 **Right Gable Angle FSC 5/4 x 4 x 31"**
- 1 x 191 **Left Gable Angle FSC 5/4 x 4 x 31"**
- 1 x 192 **Gable Bottom FSC 2 x 4 x 34-1/2"**

Hardware

- 1 x S4 **#8 x 3" Wood Screw**
- 2 x G8 **5/16 x 2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**

Step 19: Gable Angle Support Assembly Part 2

D: Measure 8-1/2” from the centre of either bolt hole then place 1 (185) Sunburst on (192) Gable Bottom making sure it is flush to the bottom of (192) Gable Bottom, then attach with 2 (S15) #8 x 1-3/4” Wood Screws to the outside of the assembly. (fig. 19.4 and 19.5)

Fig. 19.4
Inside View

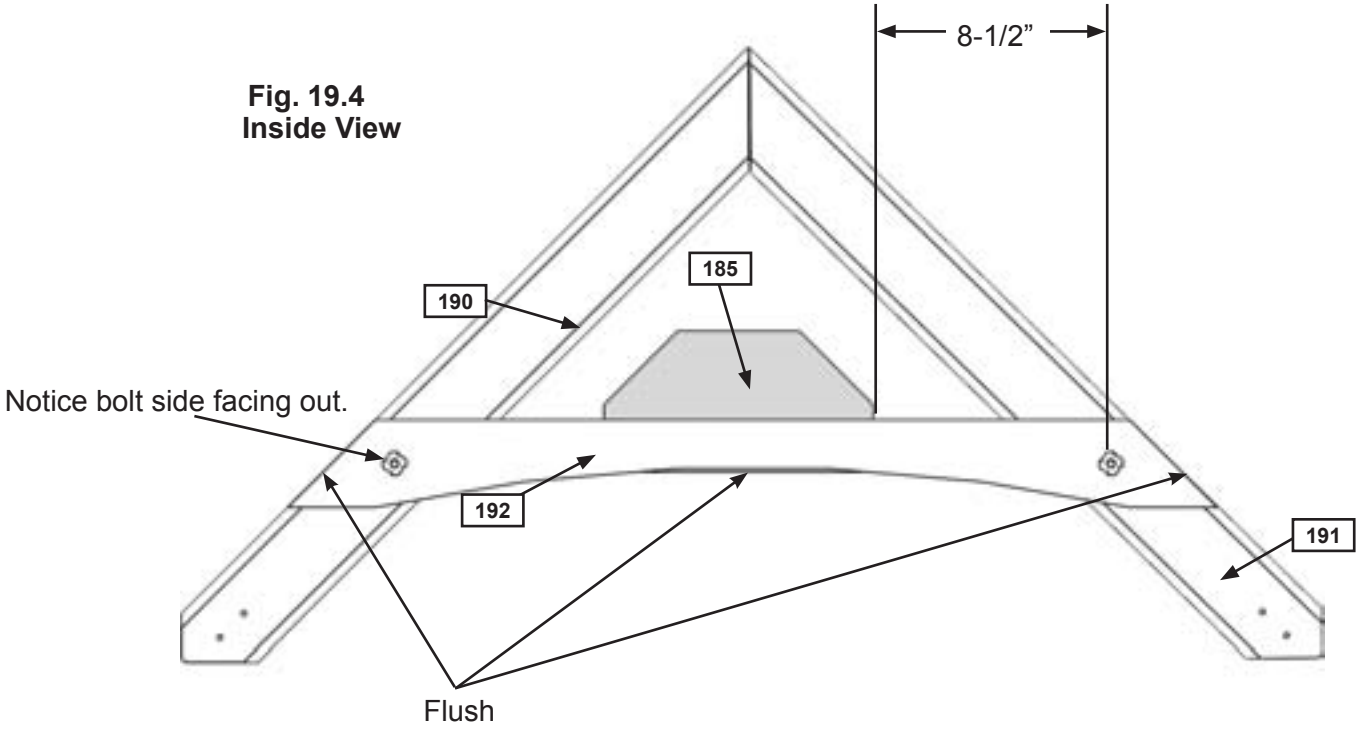
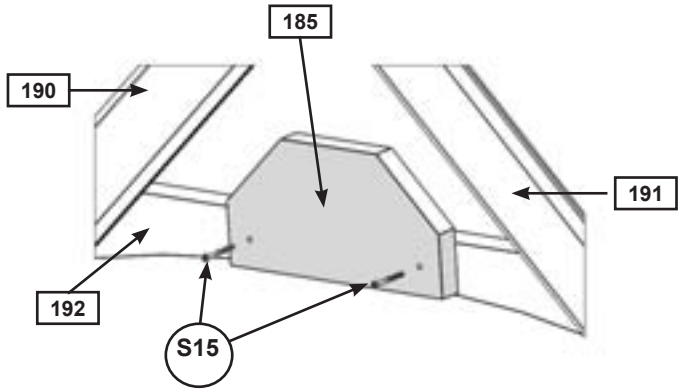


Fig. 19.5
Outside View



Wood Parts

1 x 185 **Sunburst FSC 5/4 x 6 x 10”**

Hardware

2 x S15 **#8 x 1-3/4” Wood Screw**

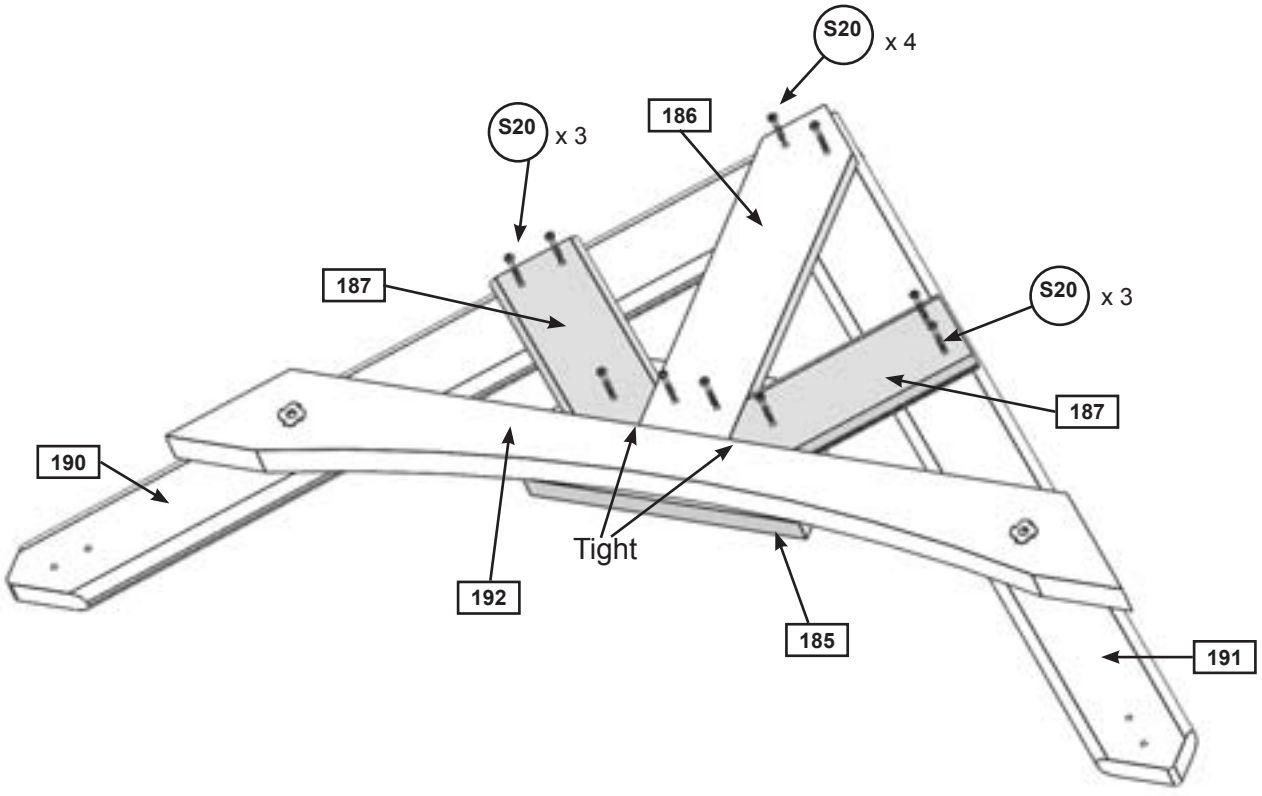
Step 19: Gable Angle Support Assembly Part 3

E: Place (186) Centre Gable on (185) Sunburst, tight to the top of (192) Gable Bottom so the tip is centred at the peak of the Gable Angle Support Assembly. (fig. 19.6)

F: Place 1 (187) Side Gable tight to each side of (186) Centre Gable so they are tight to the top of (192) Gable Bottom. (fig. 19.6)

G: Attach (186) Centre Gable with 4 (S20) #8 x 1-3/8" Wood Screws, and both (187) Side Gables, with 3 (S20) #8 x 1-3/8" Wood Screws per board, to (185) Sunburst, (190) Right Gable Angle and (191) Left Gable Angle, as shown in fig. 19.6.

Fig. 19.6



Wood Parts

1 x 186 Centre Gable FSC 1 x 4 x 13-1/2"
2 x 187 Side Gable FSC 1 x 4 x 8-1/2"

Hardware

10 x S20 #8 x 1-3/8" Wood Screw

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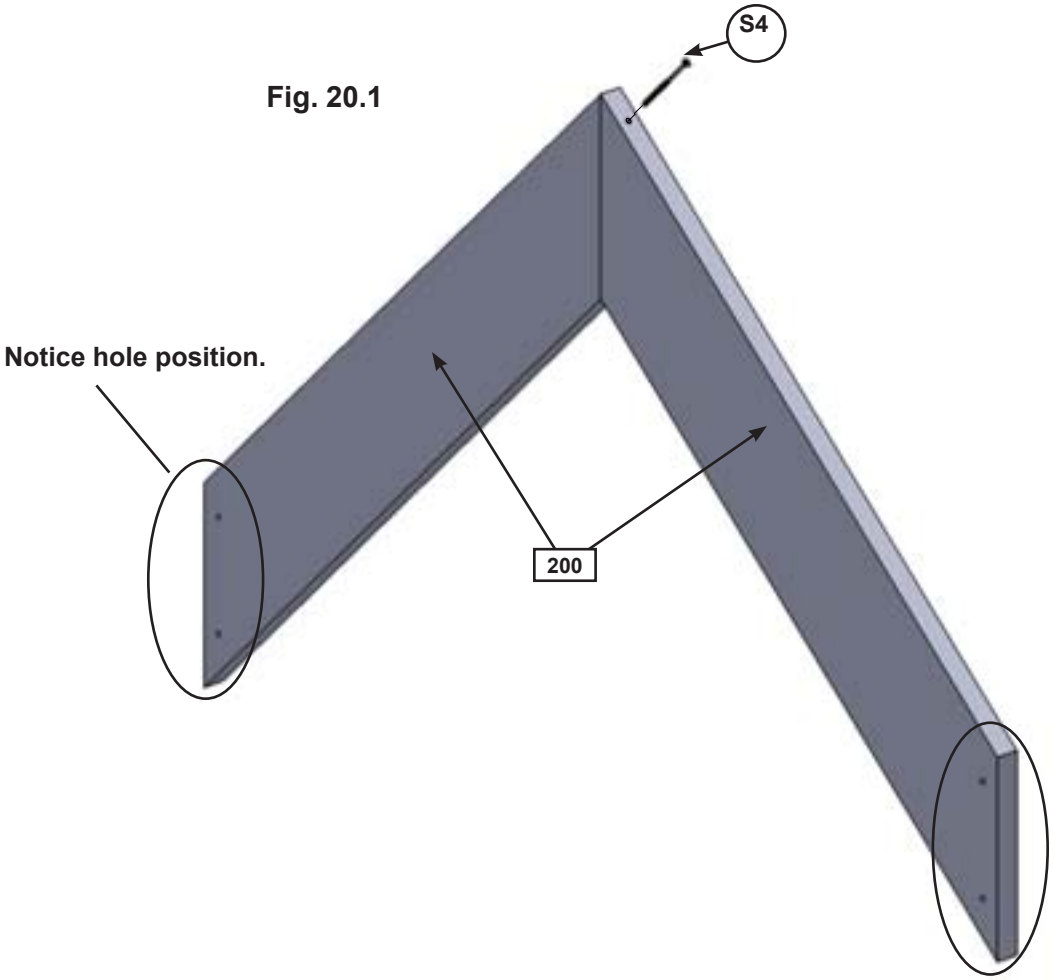
Step 20: Roof Spacer Assembly

A: Attach 1 (200) Roof Spacer to another at the peak using 1 (S4) #8 x 3” Wood Screw. Notice the pilot holes are towards the bottom of the board. (fig. 20.1)

B: Make sure the assembly is square.

Fig. 20.1



Wood Parts

2 x [200] Roof Spacer FSC 5/4 x 6 x 32-1/4”

Hardware

1 x (S4) #8 x 3” Wood Screw

Step 21: Small and Large Roof Assemblies Part 1

A: Connect 1 (210) Large Roof Panel to a second (210) Large Roof Panel so the one panel overlaps the other and the inside angle is square and tight. Attach panels together with 3 (S15) #8 x 1-3/4" Wood Screws per panel. (fig. 21.1 and 21.2)

Fig. 21.1

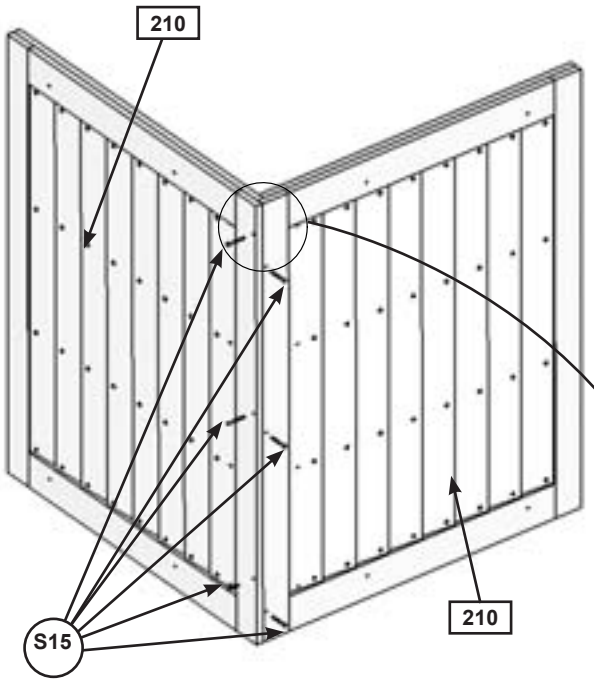
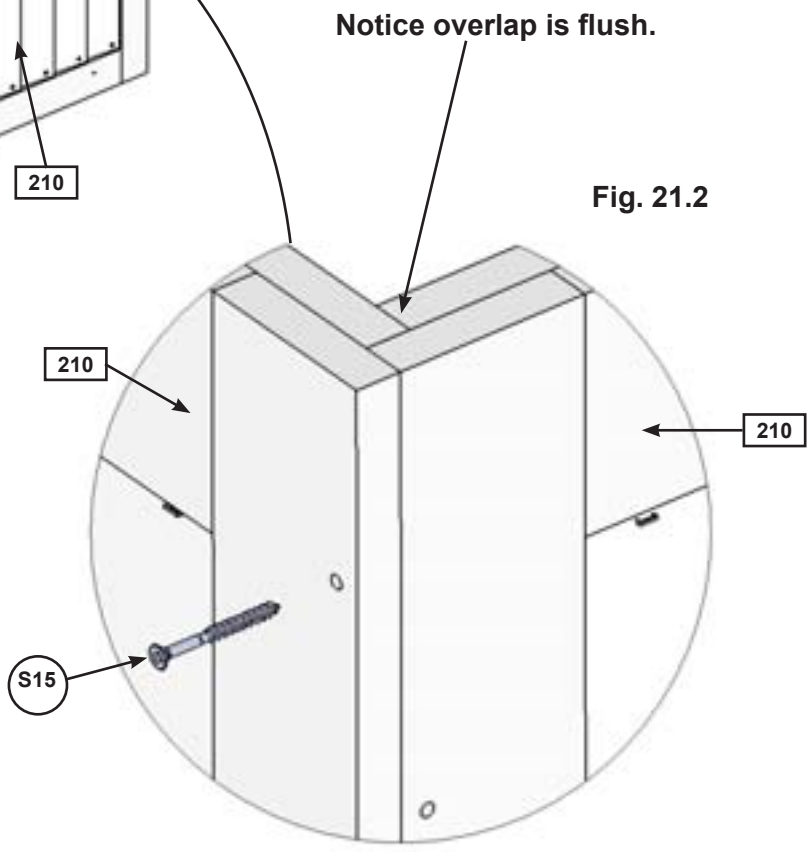


Fig. 21.2



Wood Parts

2 x 210 Large Roof Panel FSC 1-1/4 x 31-3/4 x 41"

Hardware

6 x S15 #8 x 1-3/4" Wood Screw

Step 21: Small and Large Roof Assemblies Part 2

B: Connect 1 (211) Small Roof Panel to a second (211) Small Roof Panel so the one panel overlaps the other and the inside angle is square and tight. Attach panels together with 3 (S15) #8 x 1-3/4" Wood Screws per panel. (fig. 21.3 and 21.4)

Fig. 21.4

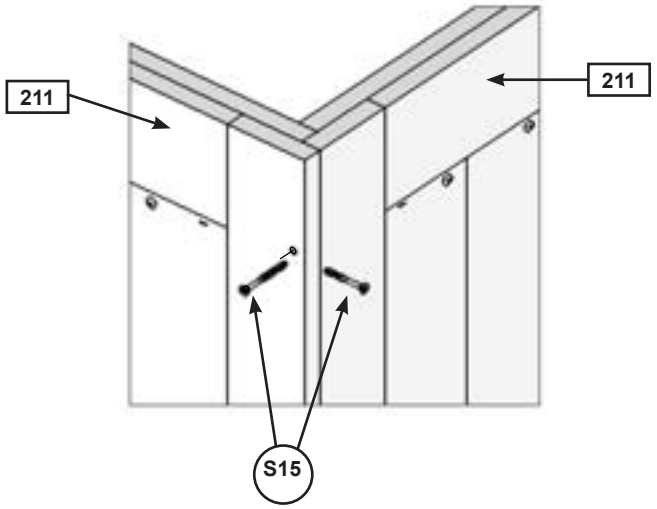
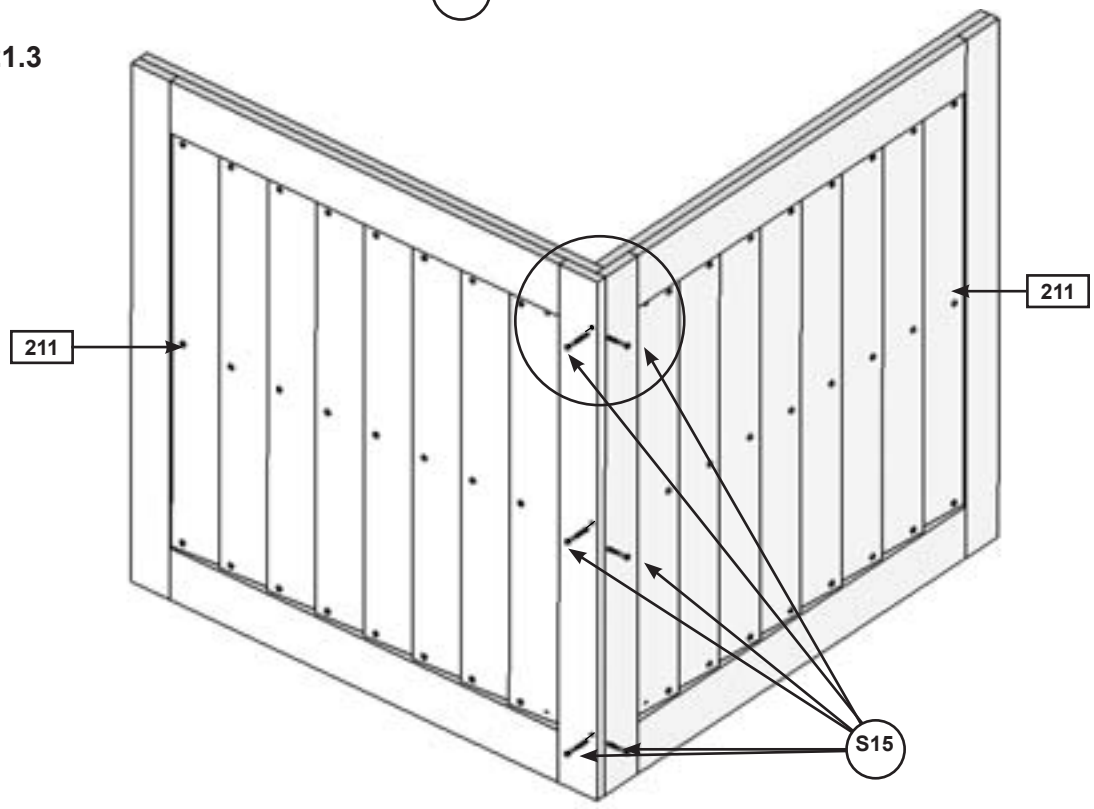


Fig. 21.3



Wood Parts

2 x 211 **Small Roof Panel FSC 1-1/4 x 31-3/4 x 32-1/2"**

Hardware

6 x S15 **#8 x 1-3/4" Wood Screw**

Step 21: Small and Large Roof Assemblies Part 3

C: Place Roof Spacer Assembly from Step 20, on top of the Small Roof Assembly, flush to the edge as shown in fig. 21.5.

D: Measure 1/2” in from the edge and 7” up from the bottom of each (211) Small Roof Panel and mark. Follow with 11” up from the first mark and then 11” up from the second mark. Pre-drill with a 1/8” drill bit at all 6 marks. (fig. 21.6 and 21.7)

E: Attach Roof Spacer Assembly to Small Roof Assembly with 3 (S3) #8 x 2-1/2” Wood Screws per side. (fig. 21.6 and 21.7)

Fig. 21.5

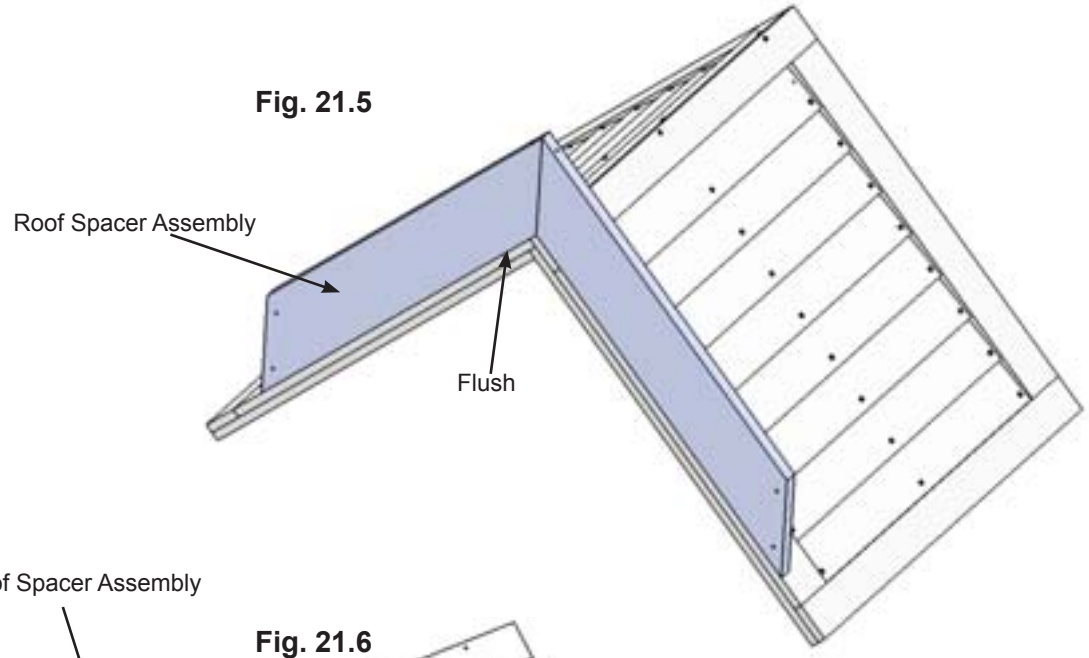


Fig. 21.6

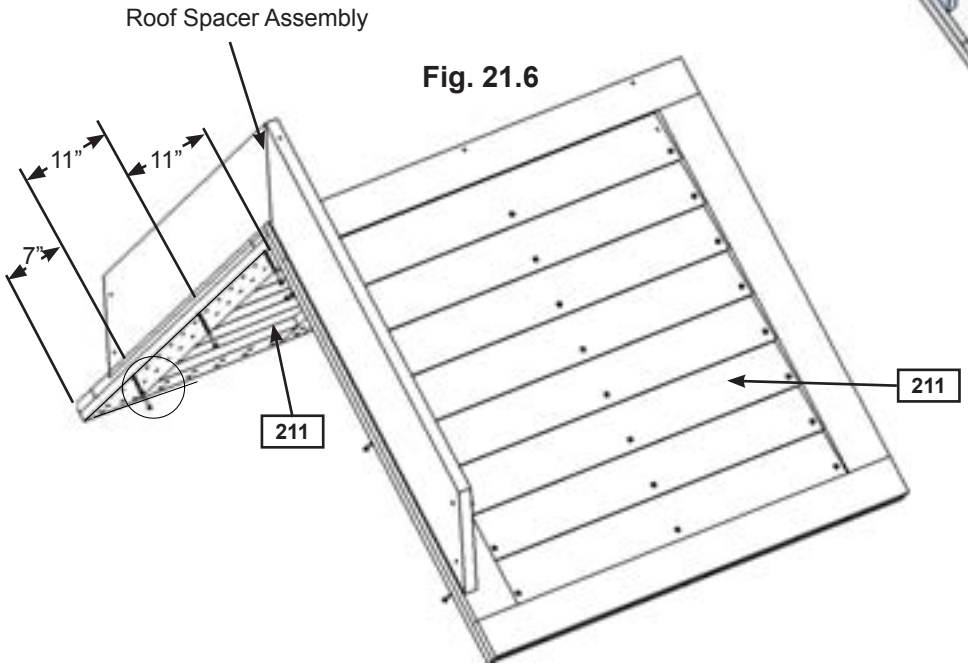
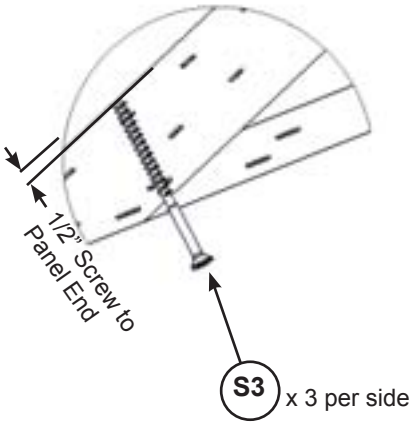


Fig. 21.7



Hardware

6 x (S3) #8 x 2-1/2” Wood Screw

Step 22: Attach Transom Front and Back Part 1

A: If the space is too tight loosen the bolt at the front of the assembly, as shown in fig. 22.2 then place (220) Transom Panel Front on top of (082) SL Post and (040) Cafe Wall Window Panel, behind (127) Front Top so the outside edge is flush to the outside edge of (082) SL Post as shown in fig. 22.1 and 22.2.

B: From inside the assembly attach (220) Transom Panel Front to (127) Front Top with 3 (S15) #8 x 1-3/4" Wood Screws. (fig. 22.2)

C: Retighten the bolt loosened in Step A if loosened.

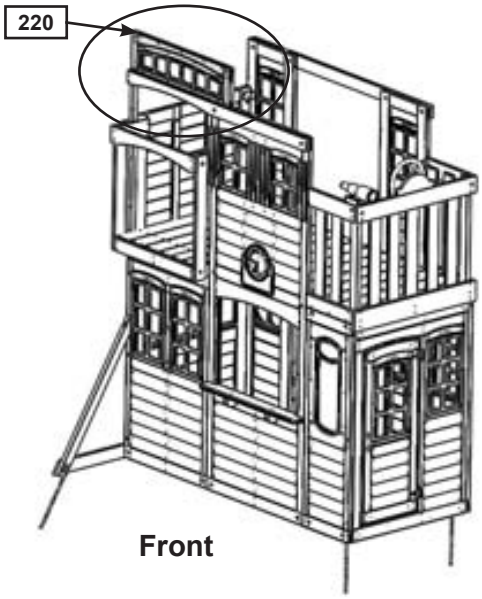
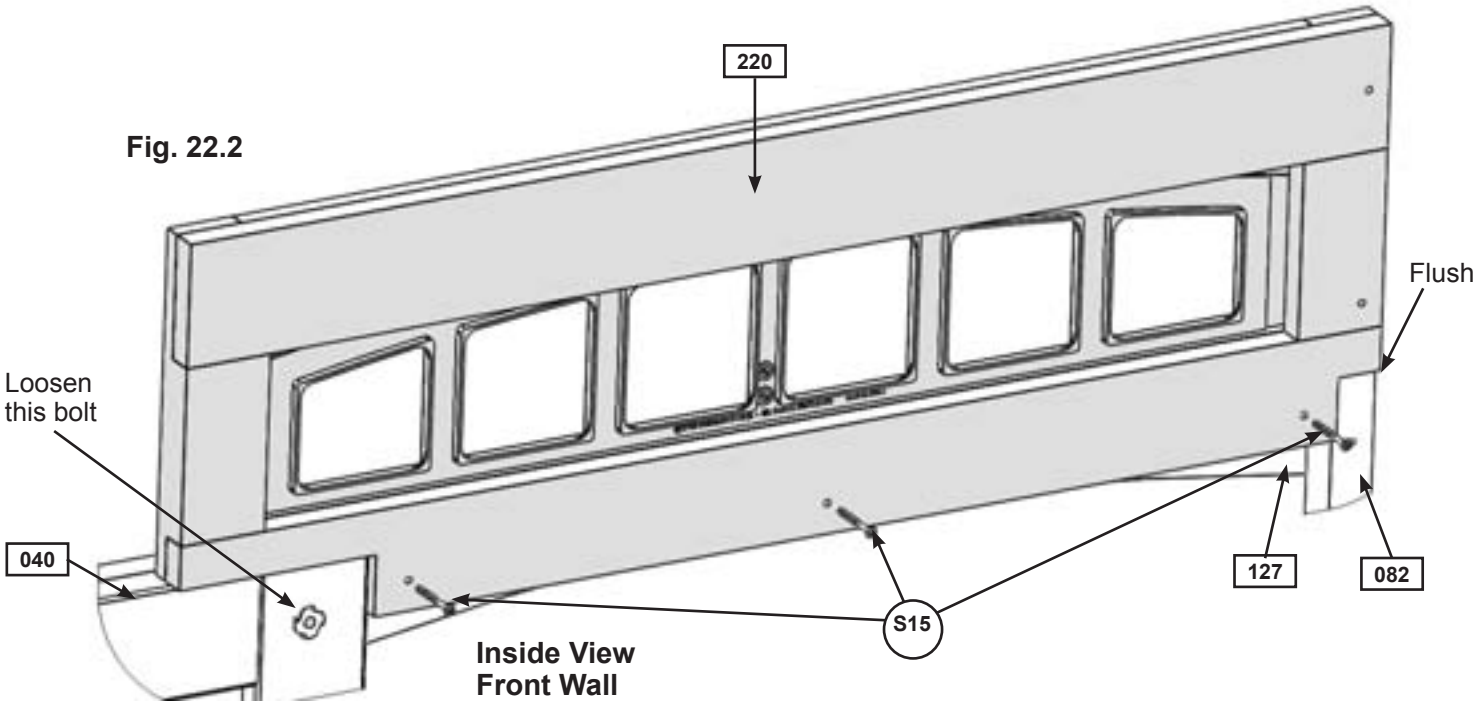


Fig. 22.1

Fig. 22.2



Wood Parts

1 x 220 **Transom Panel Front FSC 1-1/4 x 11-1/2 x 35-7/8"**

Hardware

3 x S15 **#8 x 1-3/4" Wood Screw**

Step 22: Attach Transom Front and Back Part 2

C: Place (221) Transom Panel Back on top of (050) Narrow Window Panel, behind (100) Back Top so the outside edge is flush to the outside edge of (050) Narrow Window Panel as shown in fig. 22.3 and 22.4.

D: From inside the assembly attach (221) Transom Panel Back to (100) Back Top with 2 (S15) #8 x 1-3/4" Wood Screws. (22.4)

Fig. 22.3

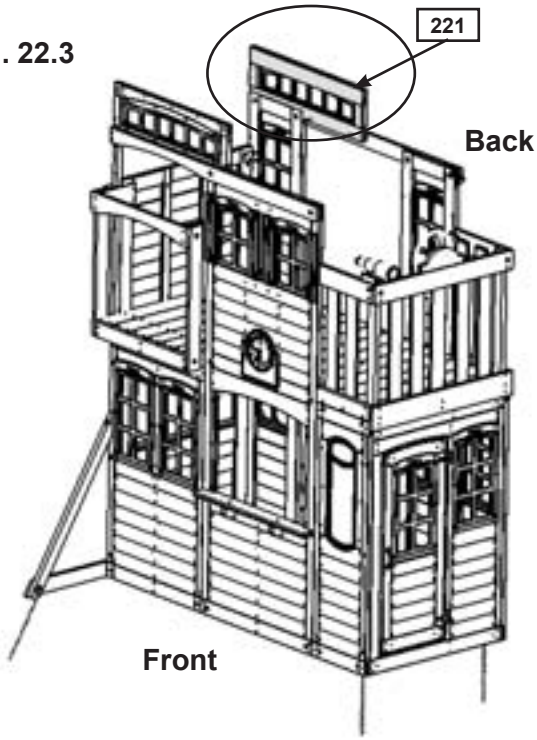
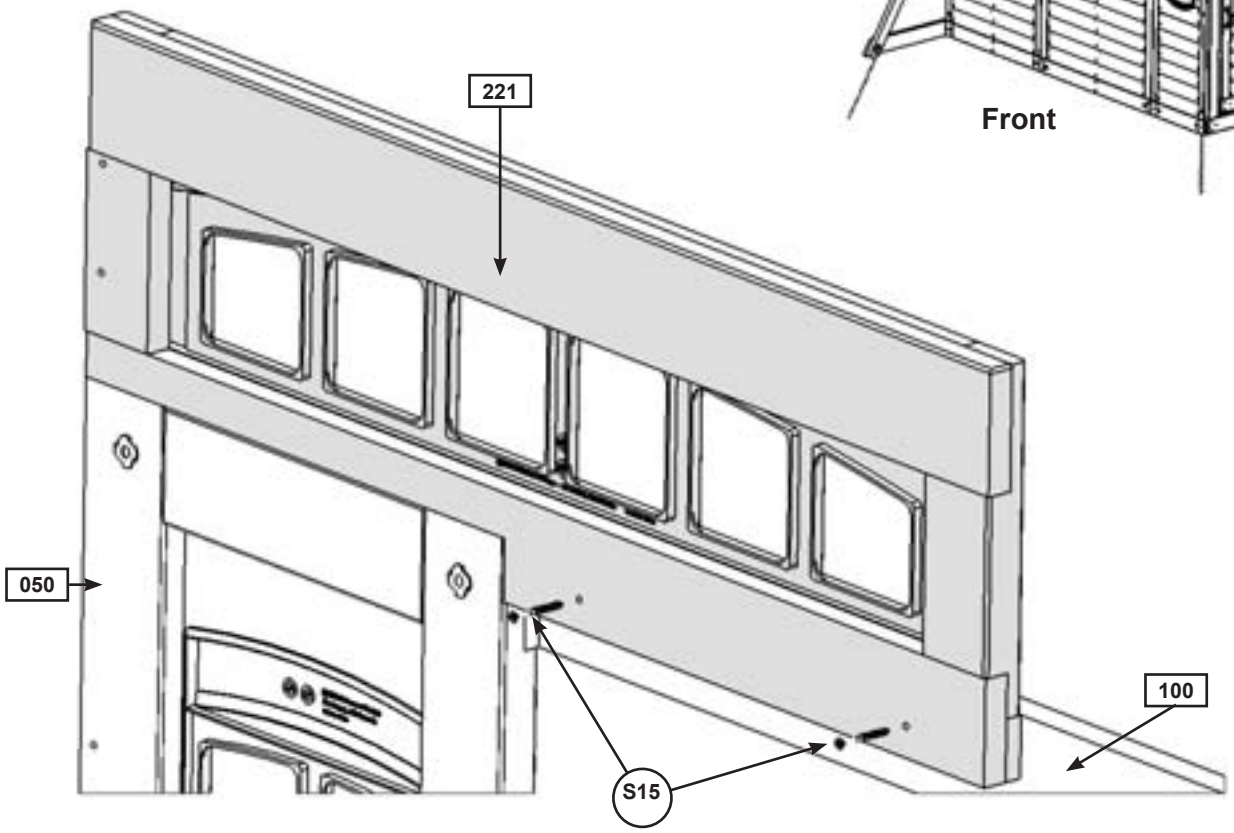


Fig. 22.4



Wood Parts

1 x [221] Transom Panel Back FSC 1-1/4 x 11-1/2 x 35-7/8"

Hardware

2 x (S15) #8 x 1-3/4" Wood Screw

Step 23: Attach Roof Support Assemblies Part 1

A: Place Roof Support Assembly, from Step 18, Part 3, on the top of (043) SW Side Panel, flush to the front. (fig. 23.1 and 23.2)

B: Attach (183) Top Post Left to (050) Narrow Window Panel with 1 (S3) #8 x 2-1/2" Wood Screws and to (221) Transom Back with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 23.1 and 23.2)

C: Attach (182) Top Post Right to (082) SL Post with 1 (S3) #8 x 2-1/2" Wood Screw in the bottom hole and 1 (S4) #8 x 3" Wood Screw through (127) Front Top to (220) Transom Front with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 23.1 and 23.2)

Fig. 23.1
Front View

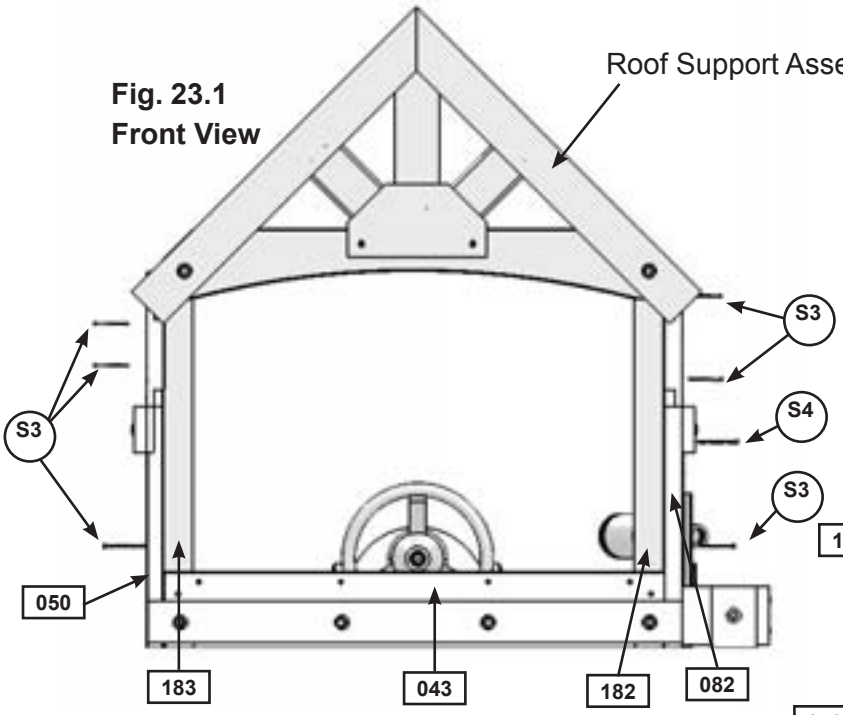
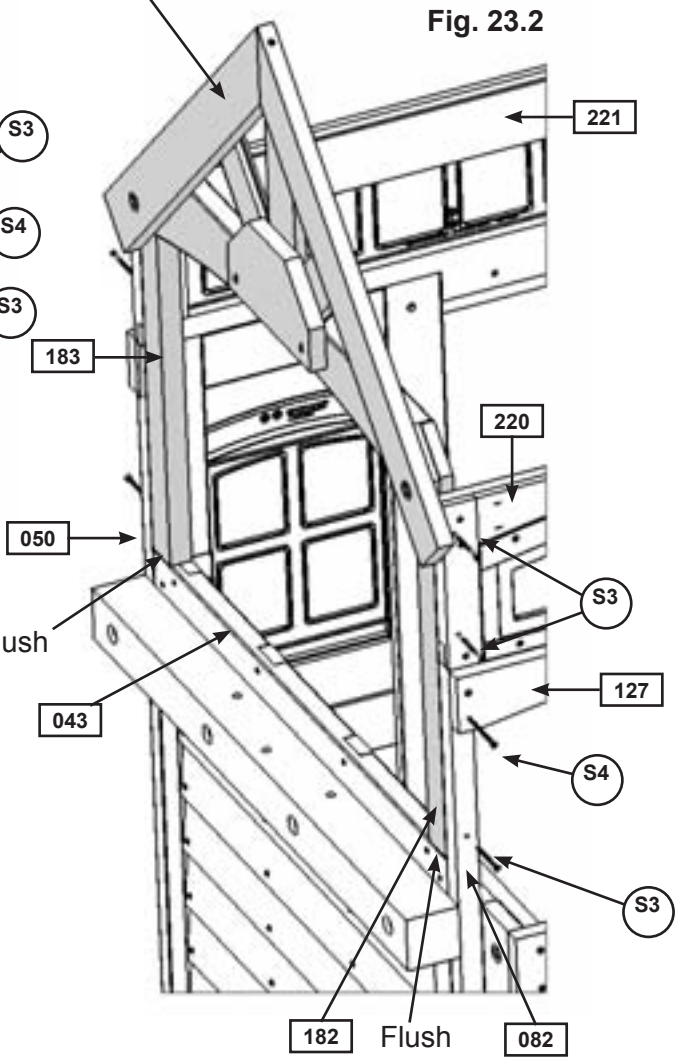


Fig. 23.2



Hardware

6 x (S3) #8 x 2-1/2" Wood Screw

1 x (S4) #8 x 3" Wood Screw

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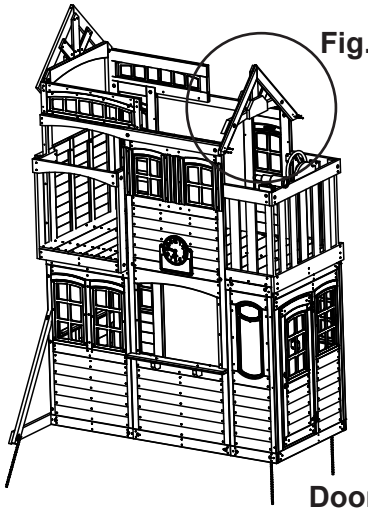
Step 23: Attach Roof Support Assemblies Part 2

D: Make sure the distance between (040) Cafe Wall Window Panel and (050) Narrow Window Panel is 36". (fig. 23.3 and 23.4)

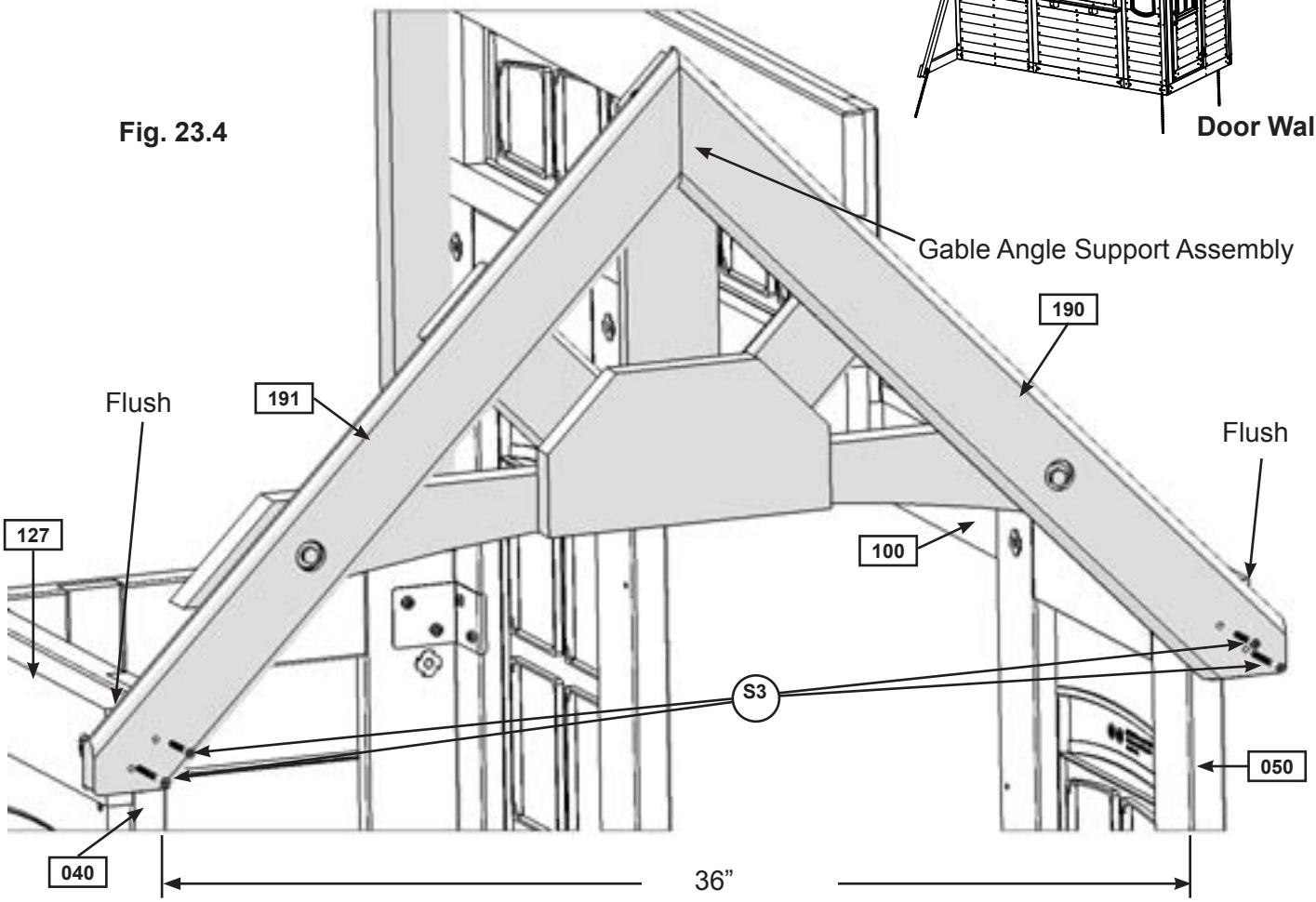
E: On the Door Wall Side, attach Gable Angle Support Assembly, from Step 19, Part 3, to the ends of (127) Front Top, (040) Cafe Wall Window Panel, (100) Back Top and (050) Narrow Window Panel with 2 (S3) #8 x 2-1/2" Wood Screw per side as shown in fig. 23.4. (190) Right Gable Angle and (191) Left Gable Angle must be flush to the tops of (127) Front Top and (100) Back Top.

Fig. 23.3



Door Wall

Fig. 23.4



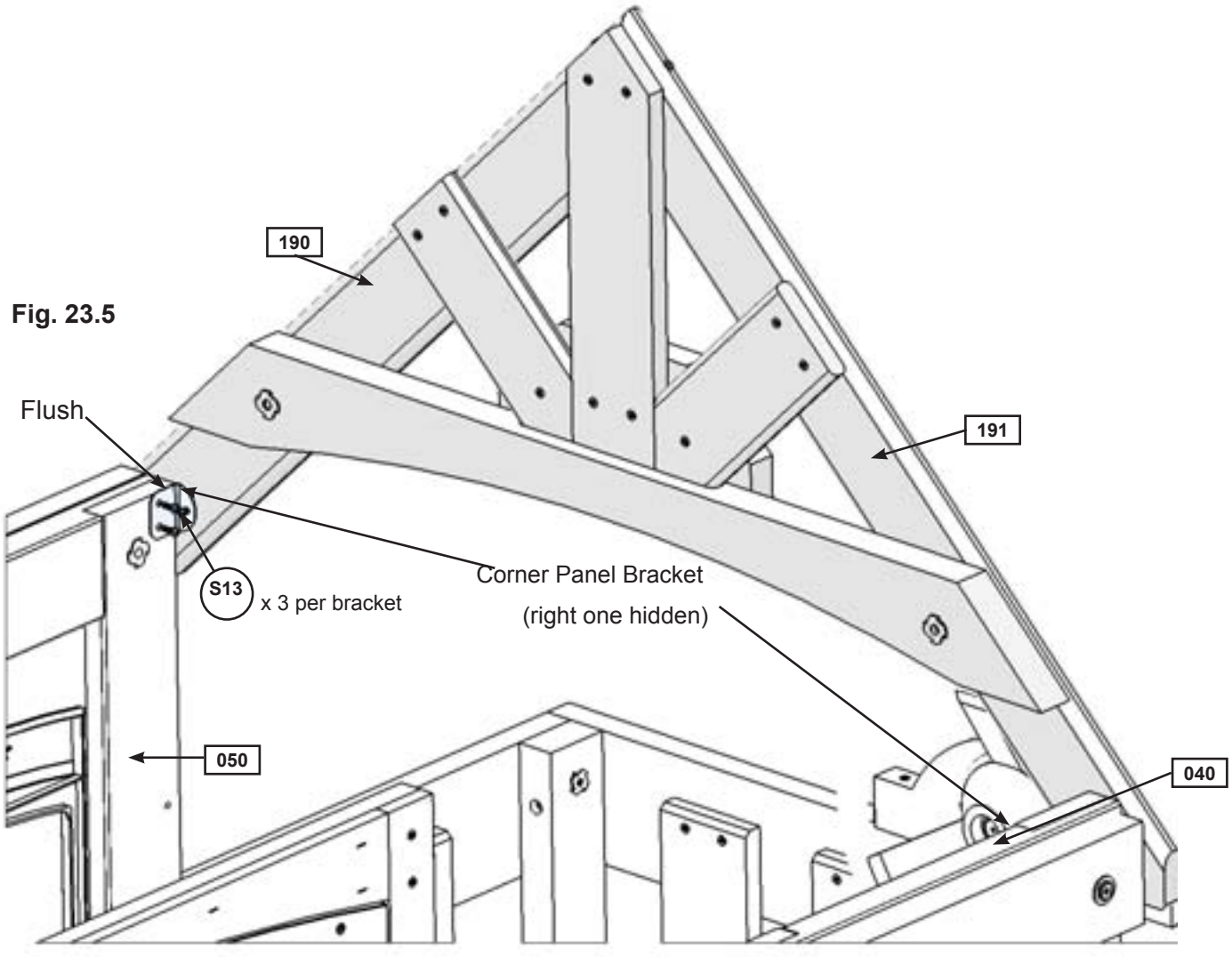
Hardware

4 x (S3) #8 x 2-1/2" Wood Screw

Step 23: Attach Roof Support Assemblies Part 3

F: From inside the assembly attach (190) Right Gable Angle to (050) Narrow Window Panel and (191) Left Gable Angle to (040) Cafe Wall Window Panel using 1 Corner Panel Bracket with 3 (S13) #6 x 5/8" Pan Screws per side. (fig. 23.5)

Fig. 23.5



Hardware

6 x (S13) #6 x 5/8" Pan Screw

Other Parts

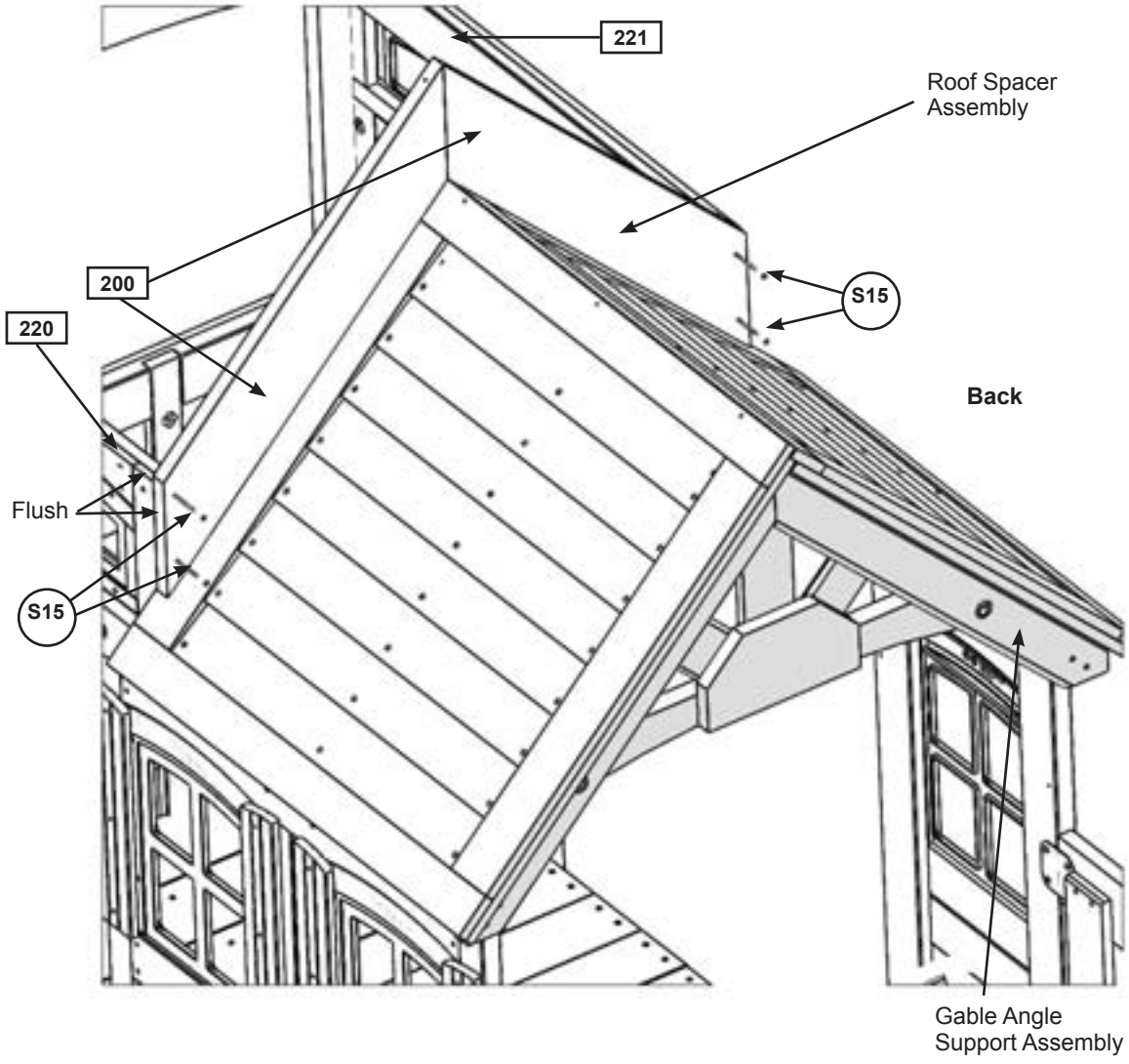
2 x Corner Panel Bracket

Step 24: Attach Roof Assemblies to Fort
Part 1

A: With 2 people on the ground and at least 1 person in the fort, lift the Small Roof Assembly with Roof Spacer Assembly, from Step 21, Part 3, up and over the Back side of the fort. Guide the Roof Assembly onto the fort so the Roof Spacer Assembly sits flush to the top and outside edges of both (220) Transom Front and (221) Transom Back. (fig. 24.1)

B: Attach each (200) Roof Spacer to (220) Transom Front and (221) Transom Back with 2 (S15) #8 x 1-3/4" Wood Screws per side. (fig. 24.1)

Fig.24.1



Hardware

4 x (S15) #8 x 1-3/4" Wood Screw

Step 24: Attach Roof Assemblies to Fort Part 2

C: Make sure the Small Roof Assembly lays flat on the Gable Angle Support Assembly and it overhangs by 2". (fig. 24.2 and 24.3)

D: Measure 3/4" from the edge, 5" up from the ends of both panels and 5" down from the peak on each panel, pre-drill with a 1/8" drill bit then attach the Small Roof Assembly to the Gable Angle Support Assembly with 2 (S3) #8 x 2-1/2" Wood Screws per side, as shown in fig. 24.3.

Fig. 24.2

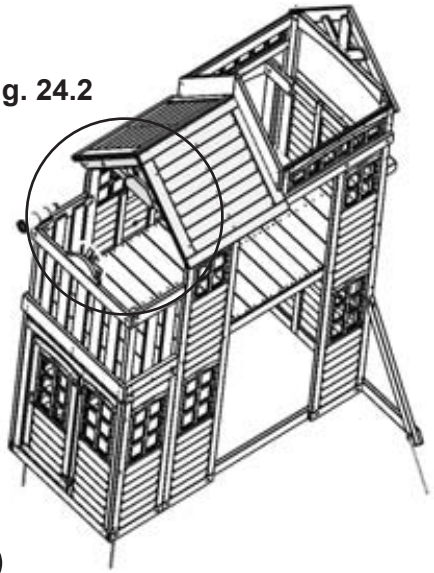
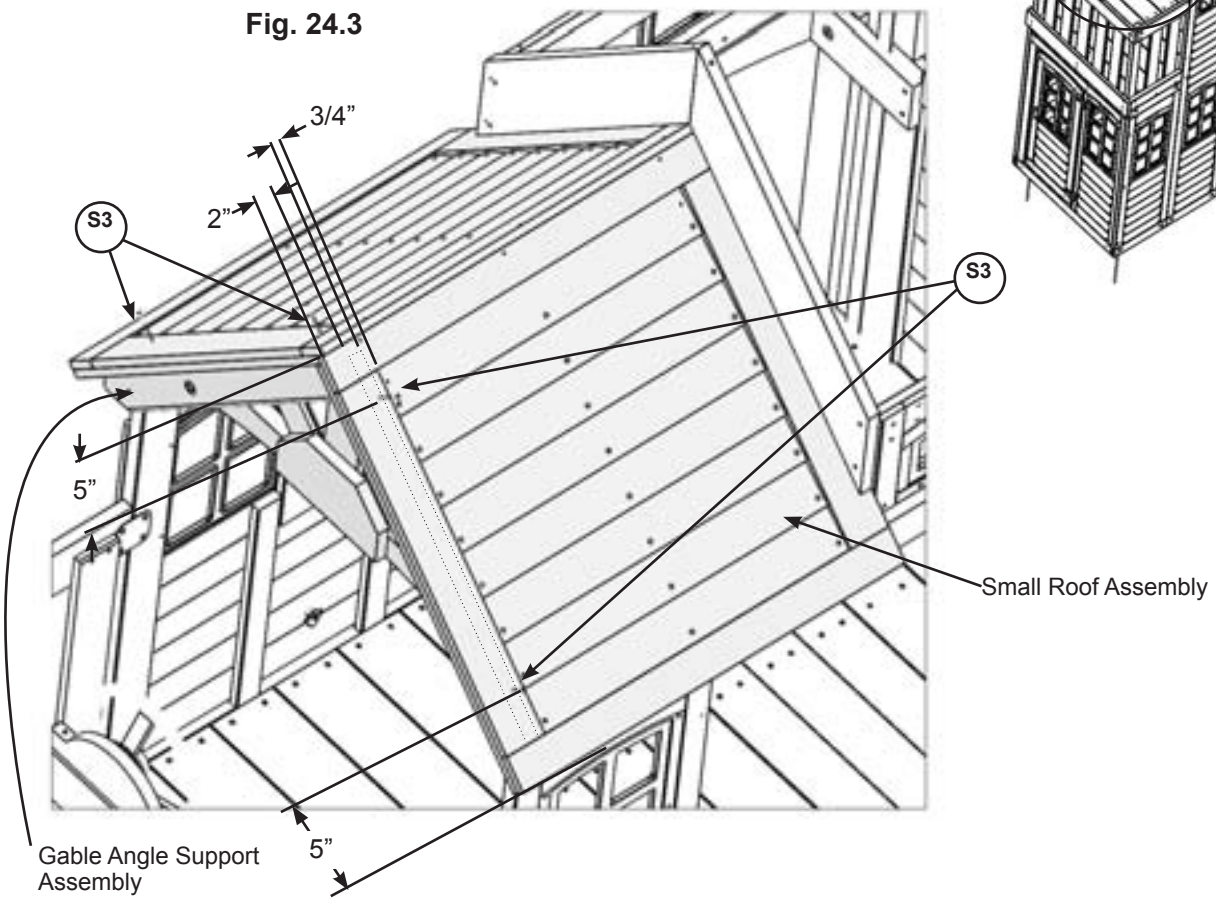


Fig. 24.3



Hardware

4 x (S3) #8 x 2-1/2" Wood Screw

Step 24: Attach Roof Assemblies to Fort Part 3

E: With 2 people on the ground and at least 1 person in the fort, lift the Large Roof Assembly, from Step 21, Part 1, up and over the Back side of the fort. Guide the Roof Assembly onto the fort so it sits on top of the Roof Support Assembly, (220) Transom Front and (221) Transom Back and Roof Spacer Assembly. (fig. 24.6 and 24.7)

F: Make sure the Large Roof Assembly lays flat on the Roof Support Assembly and it overhangs by 2". (fig. 24.7)

G: Using the factory drilled holes as a guide attach the Large Roof Assembly to the Roof Support Assembly and Roof Spacer Assembly with 4 (S3) #8 x 2-1/2" Wood Screws side as shown in fig. 24.6 and 24.7.

Fig. 24.6

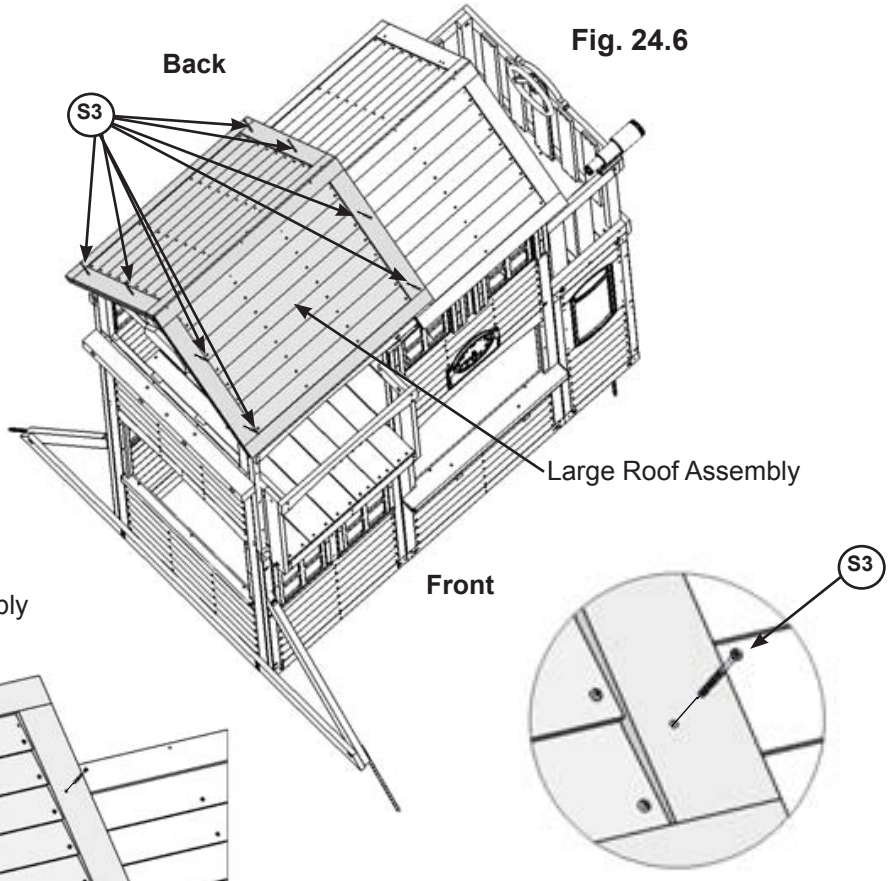
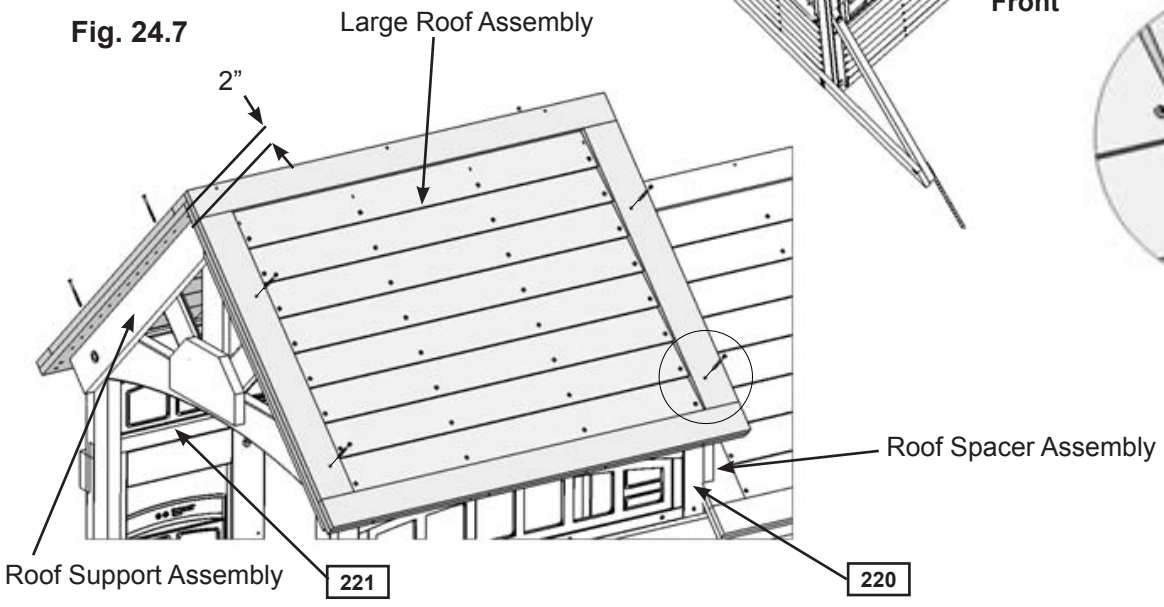


Fig. 24.7



Hardware

8 x (S3) #8 x 2-1/2" Wood Screw

Step 25: Attach Heavy T-Bracket to Fort

A: Attach Heavy T-Bracket to (044) SW Wall using 2 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut). (fig. 25.1 and 25.2)

Fig. 25.1

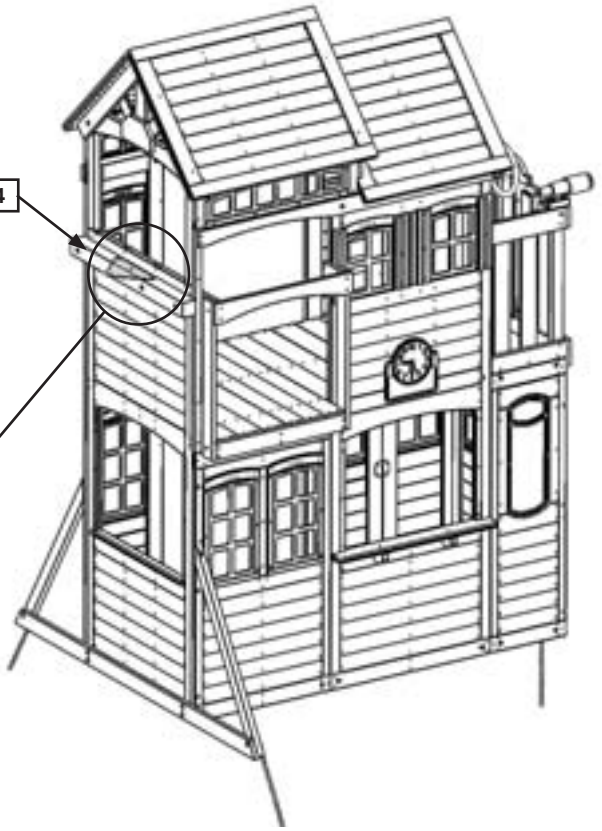
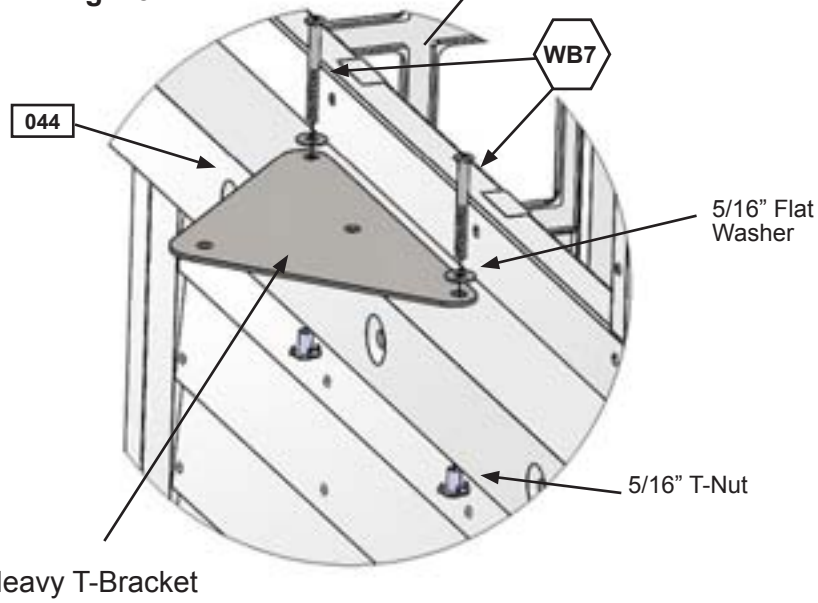


Fig. 25.2



Hardware

2 x WB7 **5/16 x 3" Wafer Bolt (5/16" flat washer, 5/16" t-nut)**

Other Parts

1 x Heavy T-Bracket

Step 26: Swing Beam Assembly

A: Attach 6 Heavy Duty Swing Hangers to (260) Engineered SW Beam using 2 (G13) 5/16 x 6-1/8" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut) per swing hanger, as shown in fig. 26.1.

B: Attach 1 Quick Clip to each Heavy Duty Swing Hanger. (fig. 26.2)

Fig. 26.2

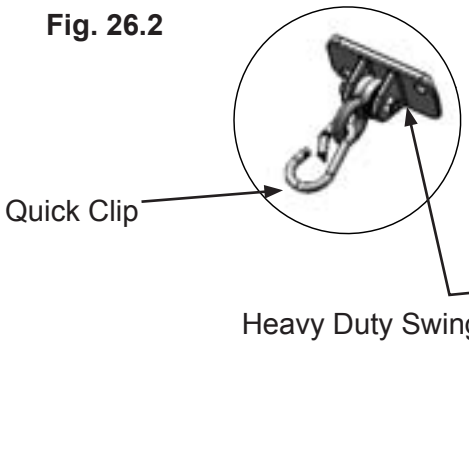
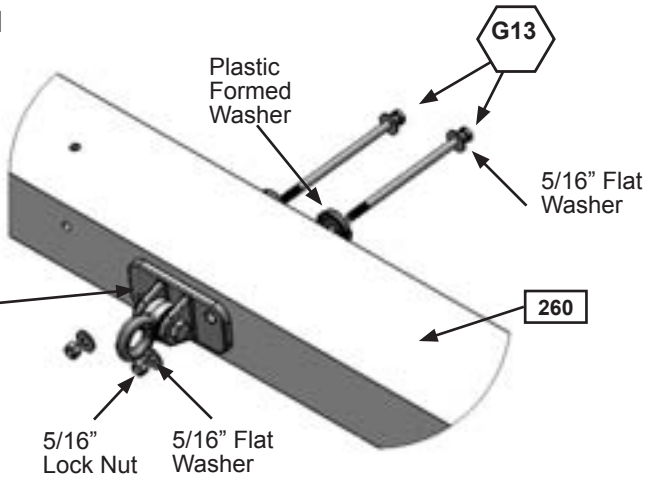


Fig. 26.1



C: Install 4 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut) in (260) Engineered SW Beam, as shown in fig. 26.3 and 26.4. A Wafer Bolt does not get installed on the Swing Side of the beam.

IMPORTANT! MAKE SURE ALL 4 BOLTS ARE ATTACHED. THEY WILL MINIMIZE CHECKING OF WOOD.

Fig. 26.3

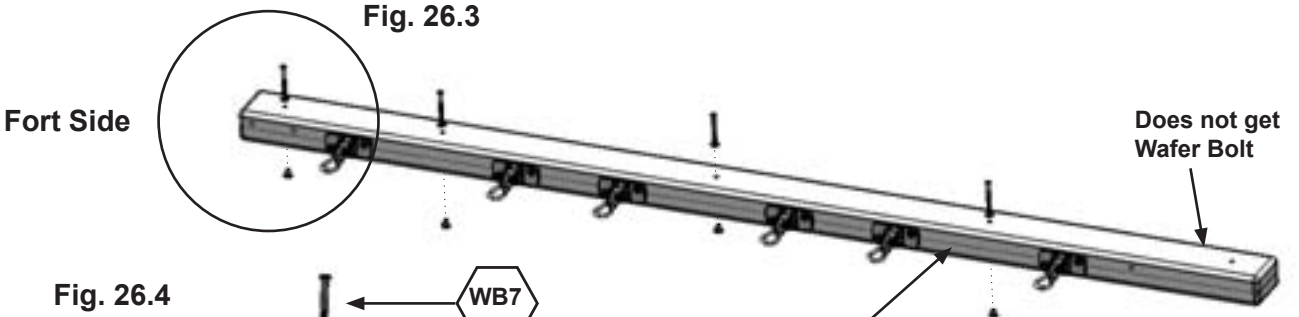
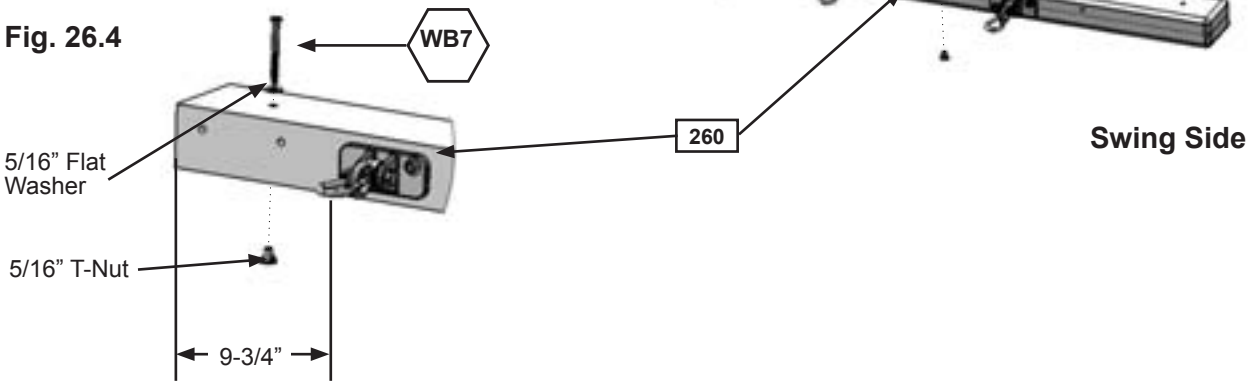


Fig. 26.4



Wood Parts

1 x 260 **Engineered SW Beam FSC 3 x 5-1/4 x 110"**

Hardware

12 x G13 **5/16 x 6-1/8" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut & plastic formed washer)**

4 x WB7 **5/16 x 3" Wafer Bolt (5/16" flat washer, 5/16" t-nut)**

Other Parts

6 x Heavy Duty Swing Hangers

6 x Quick Clips

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Step 27: Swing Post Assembly Part 1

Note: Keep all bolts from Step 27 series loose until start of Step 29

A: Place (270) SW Block Angle on top of (271) Block SW and attach 2 Heavy L-Brackets on top of (270) SW Block Angle feeding 2 (G17) 3/8 x 6" Hex Bolts (with 2 flat washers, plastic formed washer and lock nut) through both boards as shown in fig. 27.1 and 27.2.

B: Attach 3 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut) to all three holes in each (272) SW Post as shown in fig. 27.3 and 27.4. **IMPORTANT! MAKE SURE ALL 6 BOLTS ARE ATTACHED TO MINIMIZE CHECKING OF WOOD.**

C: Place (270) SW Block Angle and (271) Block SW assembly in between 2 (272) SW Post (Heavy L-Brackets towards the outside). Place 1 Heavy G-Bracket on the top (272) SW Post and attach with (G26) 3/8 x 9-1/4" Hex Bolt (with 2 flat washers and 1 lock nut), as shown in fig. 27.5.

Fig. 27.1

Bottom View

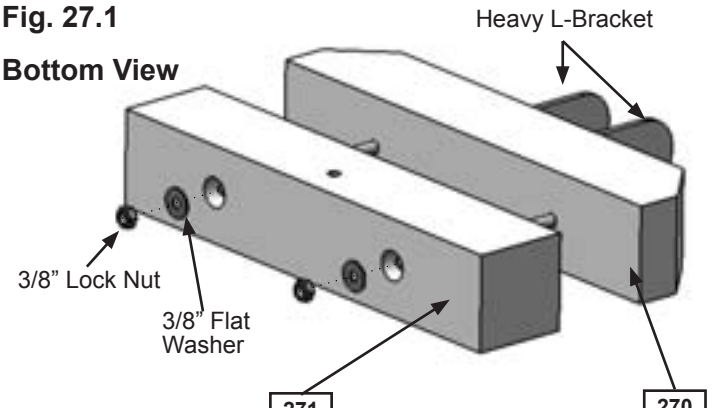


Fig. 27.2

Top View

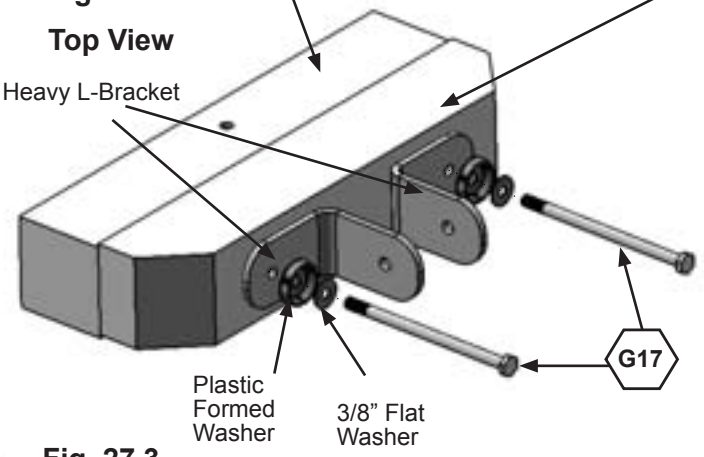


Fig. 27.3

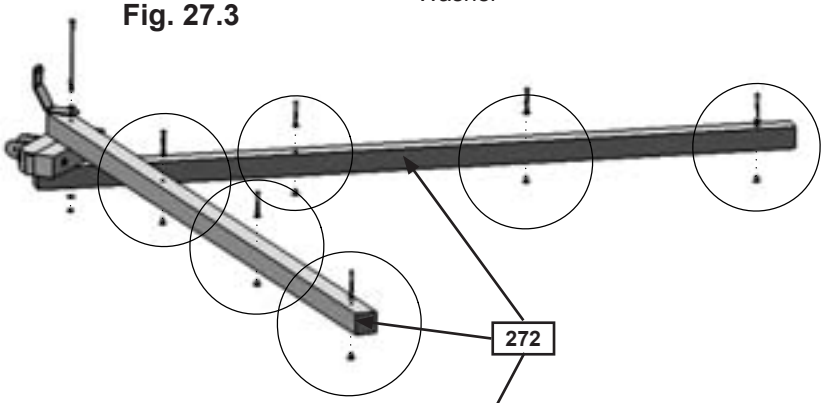


Fig. 27.4

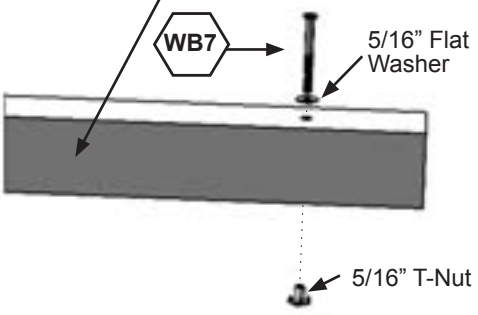
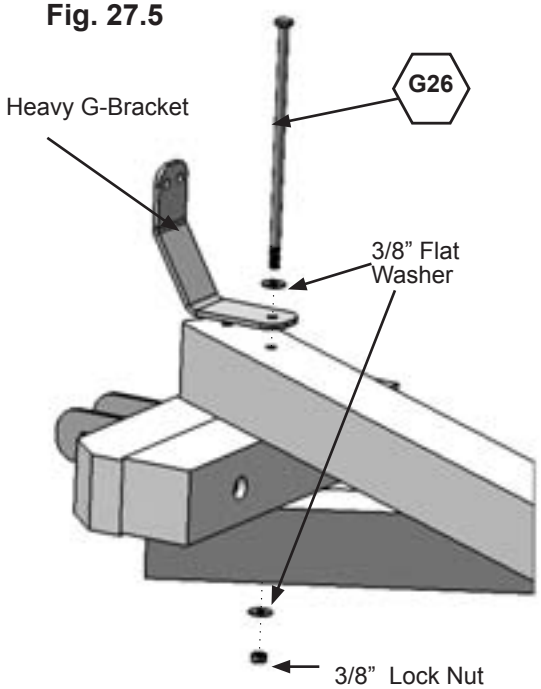


Fig. 27.5



Wood Parts

- 1 x 270 SW Block Angle FSC 2-1/2 x 3 x 15"
- 1 x 271 Block SW FSC 2-1/2 x 3 x 15"
- 2 x 272 SW Post FSC 4 x 4 x 105"

Hardware

- 2 x G17 3/8 x 6" Hex Bolt (3/8" flat washer x 2, plastic formed washer & 3/8" lock nut)
- 1 x G26 3/8 x 9-1/4" Hex Bolt (3/8" flat washer x 2 & 3/8" lock nut)
- 6 x WB7 5/16 x 3" Wafer Bolt (5/16" flat washer & 5/16" t-nut)

Other Parts

- 2 x Heavy L-Bracket
- 1 x Heavy G-Bracket

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Step 27: Swing Post Assembly Part 2

D: Attach Cedar Summit plaque to centre of (260) Engineered SW Beam (over top of t-nut) using 4 (S18) #6 x 1" Wood Screws. (fig. 27.6)

E: Place (260) Engineered SW Beam on Heavy T-Bracket and attach to fort with 1 (G17) 3/8 x 6" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut) and 1 (G18) 3/8 x 9" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut) as shown in fig. 27.7 and 27.8.

F: Place (260) Engineered SW Beam (end without Wafer Bolt from Step 26) in between Heavy L-Brackets assembled in Step A making sure holes are lined up then attach Swing Post Assembly to Swing Beam Assembly using 1 (G20) 3/8 x 4" Hex Bolt (with 2 flat washers and lock nut) through Heavy L-Bracket. (fig. 27.9)

G: Attach (260) Engineered SW Beam to Heavy G-Bracket with 1 (G17) 3/8 x 6" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut). (fig. 27.9)

Fig. 27.7

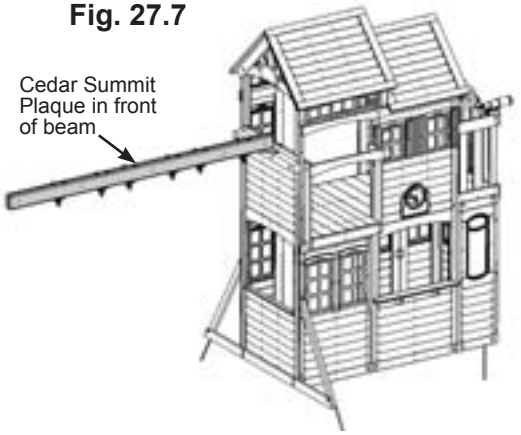


Fig. 27.6 Front View

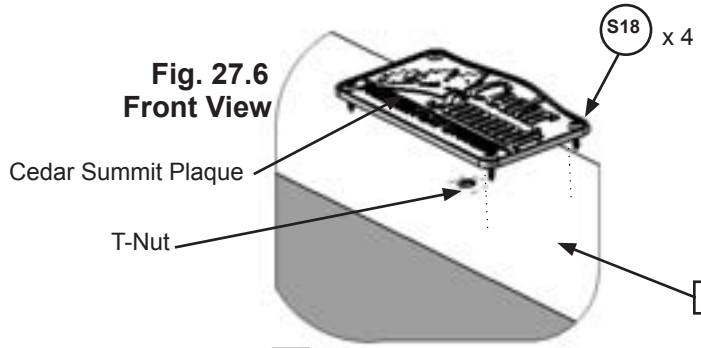


Fig. 27.8

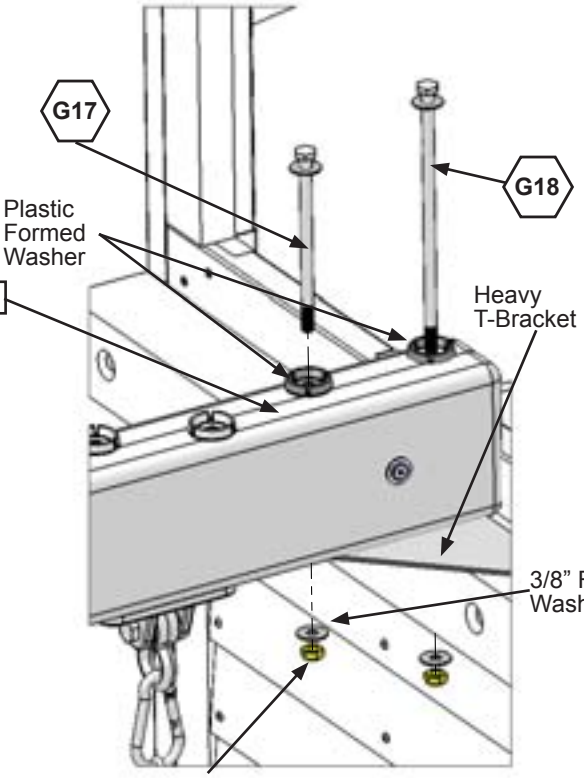
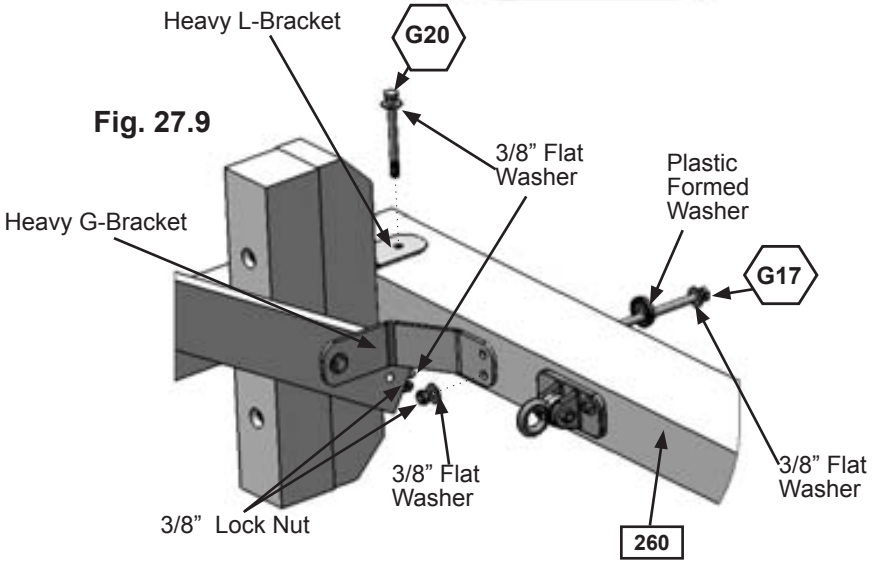


Fig. 27.9



Hardware

- 4 x (S18) #6 x 1" Wood Screw
- 1 x (G20) 3/8 x 4" Hex Bolt (3/8" flat washer x 2 & 3/8" lock nut)
- 2 x (G17) 3/8 x 6" Hex Bolt (3/8" flat washer x 2, plastic formed washer & 3/8" lock nut)
- 1 x (G18) 3/8 x 9" Hex Bolt (3/8" flat washer x 2, plastic formed washer & 3/8" lock nut)

Other Parts

- 1 x Cedar Summit plaque

Step 28: Attach Cross Support

Pre-drill all holes using a 3/16" drill bit before installing the lag screws.

A: Check to make sure the (260) Engineered SW Beam is level and the bottom of the beam to the ground measures 85". (fig. 28.1)

B: To adjust for uneven ground, raise or lower the (280) Support Cross on the (272) SW Post. Make sure the Support Cross is level prior to attaching with the lag screws. (fig. 28.2)

Fig. 28.1

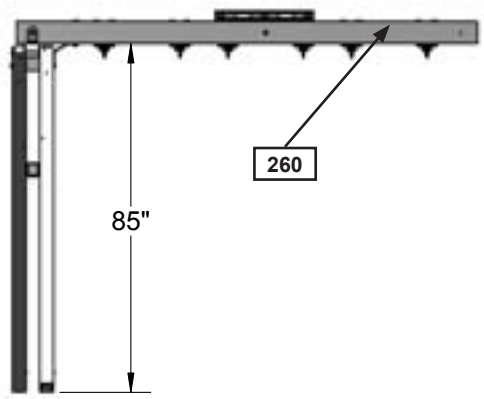
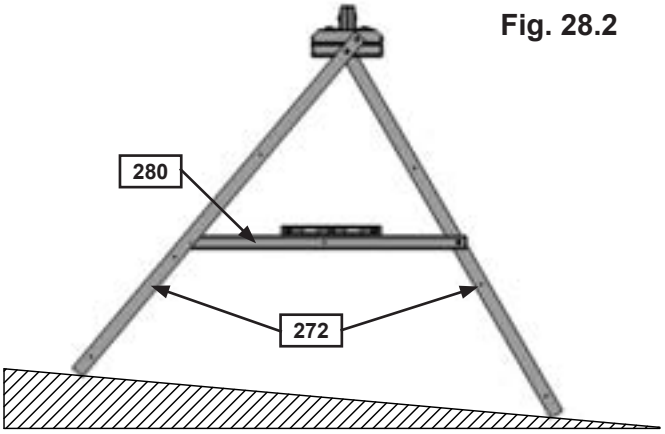


Fig. 28.2



C: Place (280) Support Cross between (272) SW Post at the previously determined spot and fasten with 1 (LS9) 5/16 x 4-3/4" Lag Screw (with flat washer) per side. (fig. 28.3 and 28.4) **Notice one side is fastened on the outside and one on the inside. It is important that each side is positioned exactly the same as the diagram. (fig. 28.3) Tighten the lag screw when you are sure (280) Support Cross is level.**

D: Attach 1 (WB8) 5/16 x 2-3/8" Wafer Bolt (with flat washer and t-nut) to (280) Support Cross through the middle hole. (fig. 28.3) **IMPORTANT! MAKE SURE THE BOLT IS ATTACHED TO MINIMIZE CHECKING OF WOOD.**

Fig. 28.4

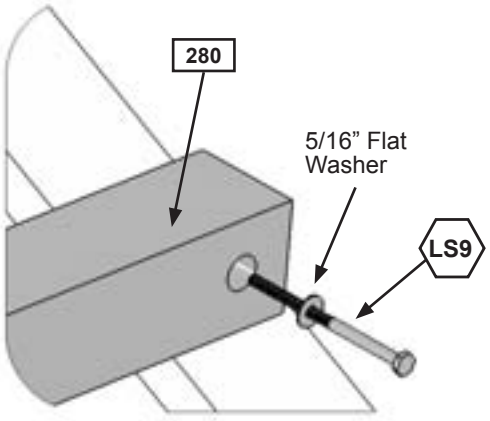
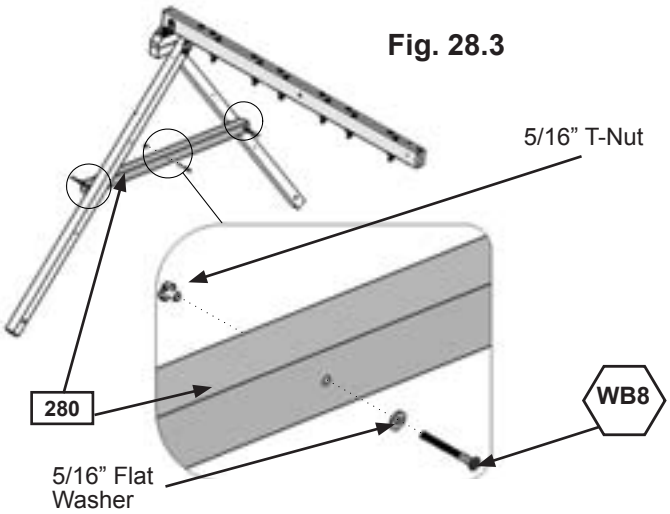


Fig. 28.3



Wood Parts

1 x 280 Support Cross FSC 2-1/2 x 3 x 64"

Hardware

2 x LS9 5/16 x 4-3/4" Lag Screw (5/16" flat washer)

1 x WB8 5/16 x 2-3/8" Wafer Bolt (5/16" flat washer, 5/16" t-nut)

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Step 29: Final Swing Post Assembly

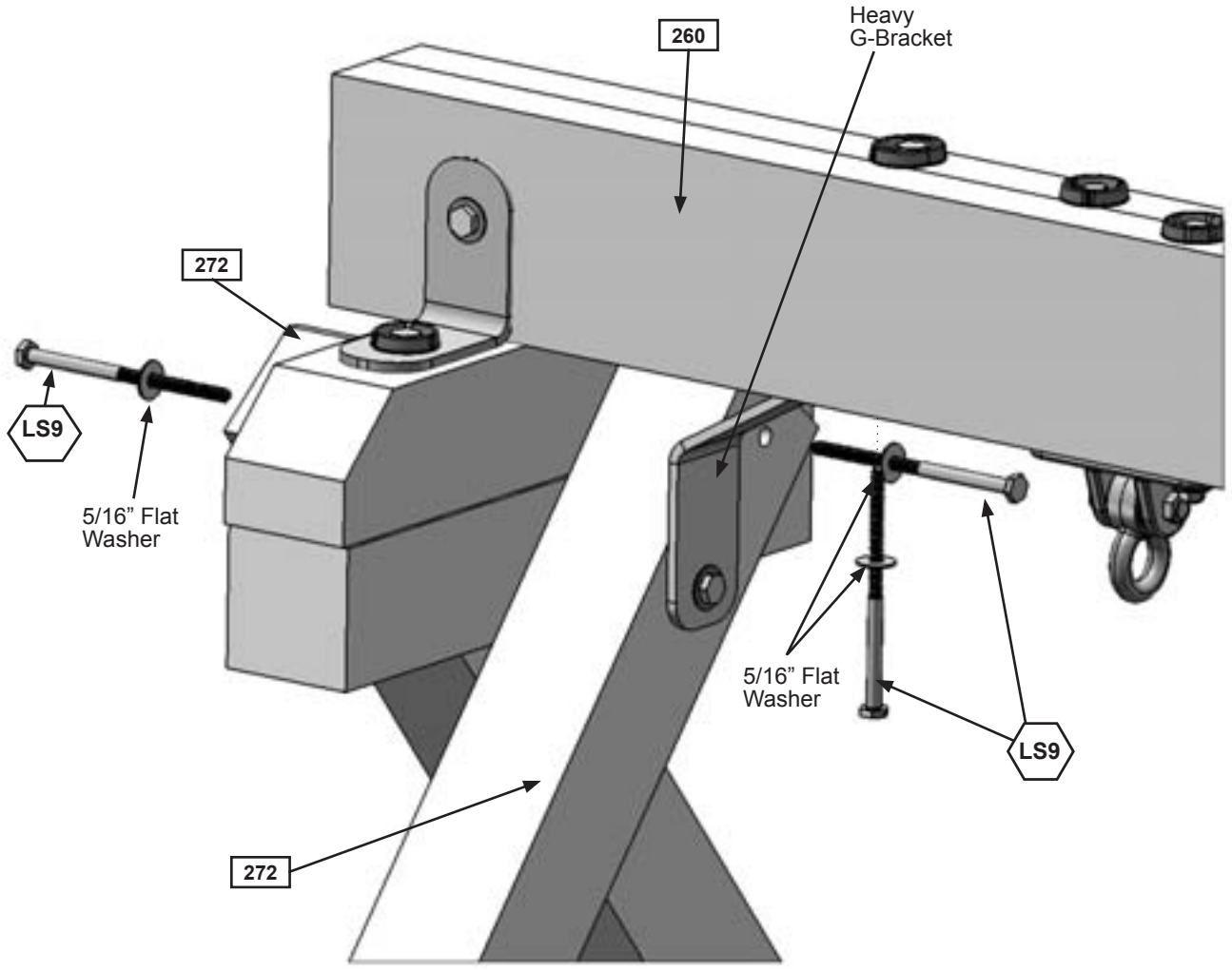
Pre-drill all holes using a 3/16" drill bit before installing the lag screws.

Note: Tighten all bolts from Step 27 series before installing lag screws.

A: Attach 1 (LS9) 5/16 x 4-3/4" Lag Screw (with flat washer) into each (272) SW Post, as shown in fig. 29.1.

B: Attach 1 (LS9) 5/16 x 4-3/4" Lag Screw (with flat washer) into remaining hole of the Heavy G-Bracket into (260) Engineered SW Beam. (fig. 29.1)

Fig. 29.1



Hardware

3 x LS9 5/16 x 4-3/4" Lag Screw (5/16" flat washer)

Step 30: Attach Swings

A: Using 1 Threaded Clip per chain, join 1 Long Swing Chain to each side of the swing belt seat. Make sure to close the Threaded Clip tightly using an adjustable wrench. (fig. 30.1 and 30.2).

B: Using 1 Threaded Clip per chain, join the Short Swing Chain to the Acro Bar and Acro Handle. Make sure to close the Threaded Clip tightly using an adjustable wrench. (fig. 30.2 and 30.3)

C: Attach the other end of the swing chains to the Quick Clips attached to the swing hangers. (fig. 30.1)

Fig. 30.1

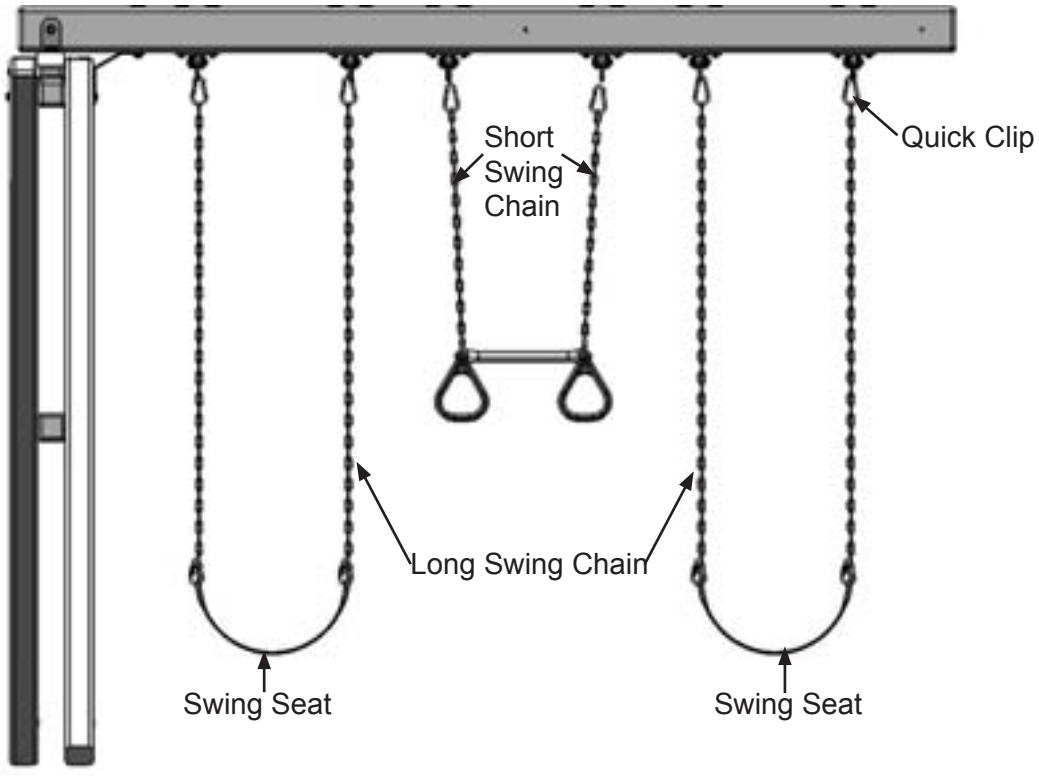


Fig. 30.2

Threaded Clips attach to seat and Acro bar.

Tighten Clip using adjustable wrench

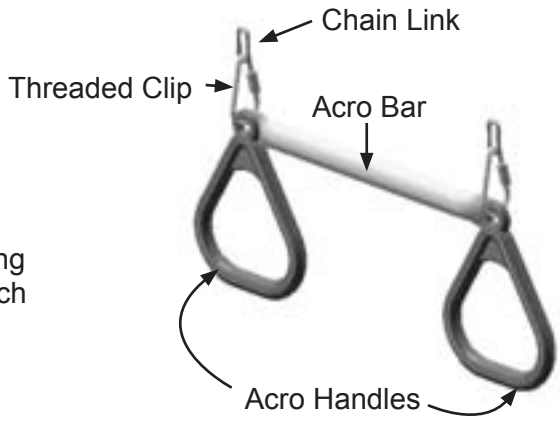


Fig. 30.3

Other Parts
1 x Acro Bar
2 x Acro Handle
2 x Swing Belt Seat
2 x Short Swing Chain
4 x Long Swing Chain
6 x Threaded Clips

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Step 31: Attach Swing End Ground Stakes

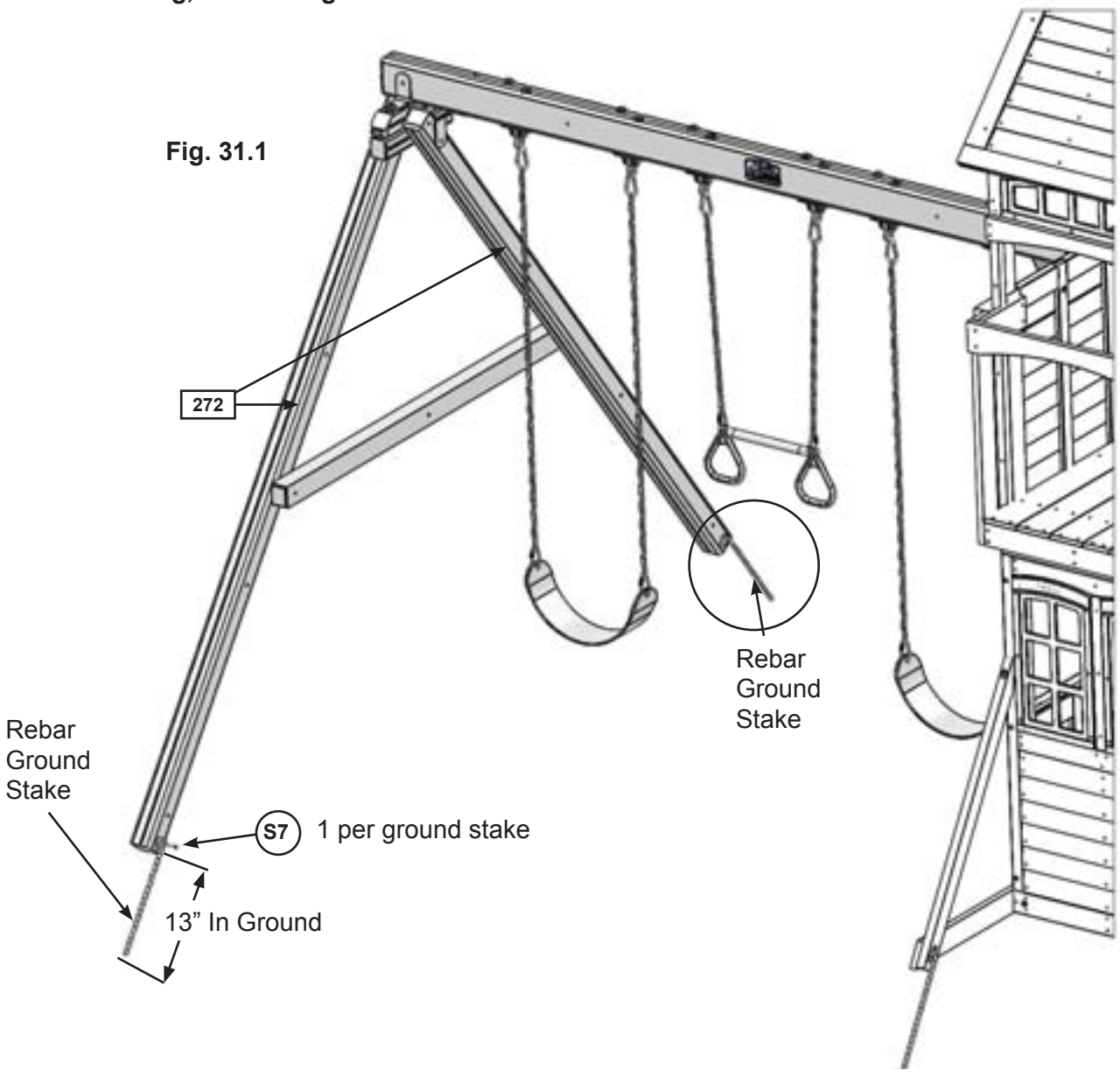
A: In the 2 places shown in fig. 31.1 drive the Rebar Ground Stakes 13” into the ground against the boards. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

B: Attach ground stakes to (272) SW Posts using 1 (S7) #12 x 2” Pan Screw per ground stake as shown in fig. 31.1.

C: After driving stakes into the ground, check for sharp edges caused by the impact of the hammer. Smooth any sharp edges from impact area and touch up with outdoor paint.

⚠Warning! To prevent tipping and avoid potential injury, stakes must be driven 13” into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

Fig. 31.1



Hardware

2 x (S7) #12 x 2” Pan Screw

Other Parts

2 x Rebar Ground Stake

Step 32: Clock Roof Assembly
Part 1

A: Attach 1 (320) Small Roof Support to a second (320) Small Roof Support at peak using 1 (S3) #8 x 2-1/2" Wood Screw. (fig. 32.1 and 32.2)

B: With a helper place (321) Roof Board A and (322) Roof Board B on top of (320) Small Roof Supports so (322) Roof Board B overlaps (321) Roof Board A and forms a peak and the back edges are flush to each other. Attach with 3 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 32.3)

Fig. 32.1

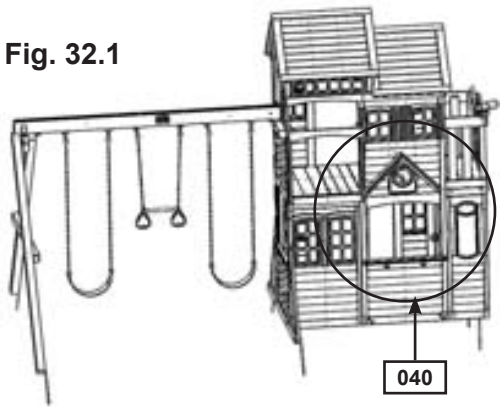
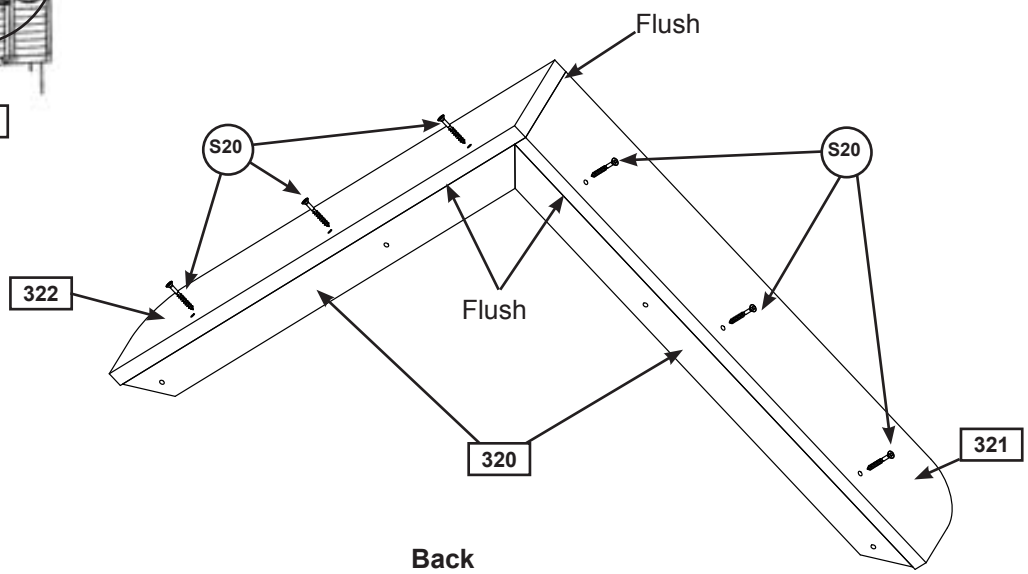
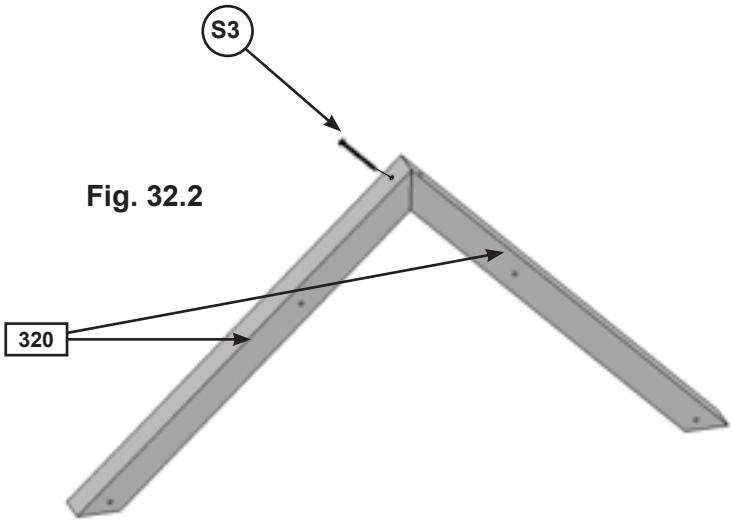


Fig. 32.3



Back

Fig. 32.2



Wood Parts

- 2 x 320 Small Roof Support FSC 2 x 2 x 22-1/2"
- 1 x 321 Roof Board A FSC 1 x 5 x 22-5/8"
- 1 x 322 Roof Board B FSC 1 x 5 x 23-1/4"

Hardware

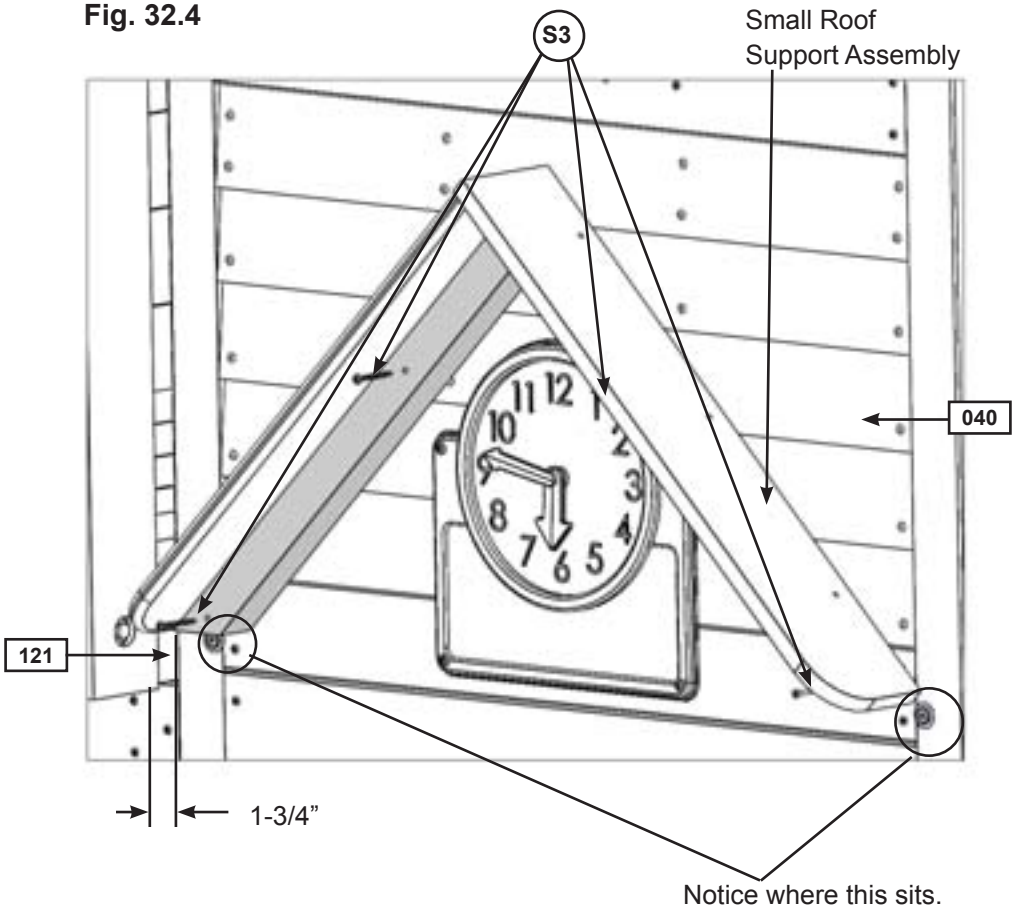
- 1 x S3 #8 x 2-1/2" Wood Screw
- 6 x S20 #8 x 1-3/8" Wood Screw

Step 32: Clock Roof Assembly
Part 2

C: Place Small Roof Support Assembly on (040) Cafe Wall Window Panel centred over the Clock so the bottom of the supports touches the tops of the Wafer Bolts on both sides as shown in fig. 32.1 and 32.4. Make sure the distance from (121) Short Joist to tip of Small Roof Support Assembly is 1-3/4".

D: Pre-drill with a 1/8" drill bit then attach Small Roof Support Assembly to (040) Cafe Wall Window Panel with 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 32.4)

Fig. 32.4



Hardware

4 x (S3) #8 x 2-1/2" Wood Screw

Step 33: Attach Sand and Water Table to Fort

A: Centre Sand and Water Table from Step 1 between the two bolts on the bottom of (040) Cafe Wall Window Panel. (fig. 33.1 and 33.2)

B: Attach (012) Box Grounds to (040) Cafe Wall Window Panel with 4 Corner Brackets using 3 (S13) #6 x 5/8" Pan Screws per bracket. (fig. 33.2 and 33.3) Note: 2 Corner Brackets sit flush to the top of (012) Box Grounds, shown in fig. 33.2.

Fig. 33.1

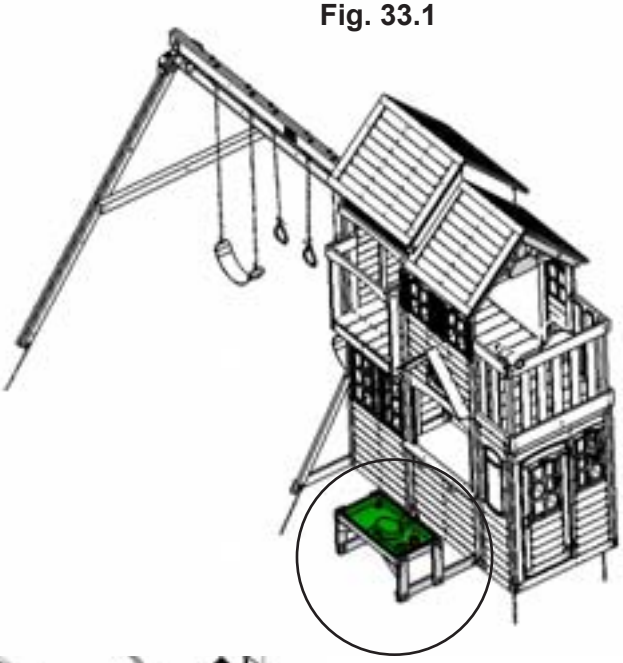


Fig. 33.3

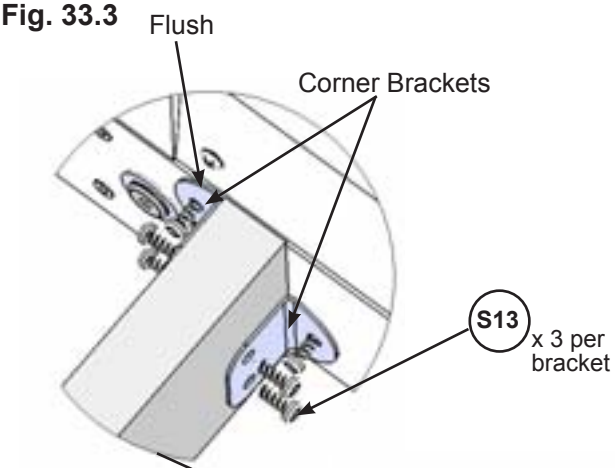
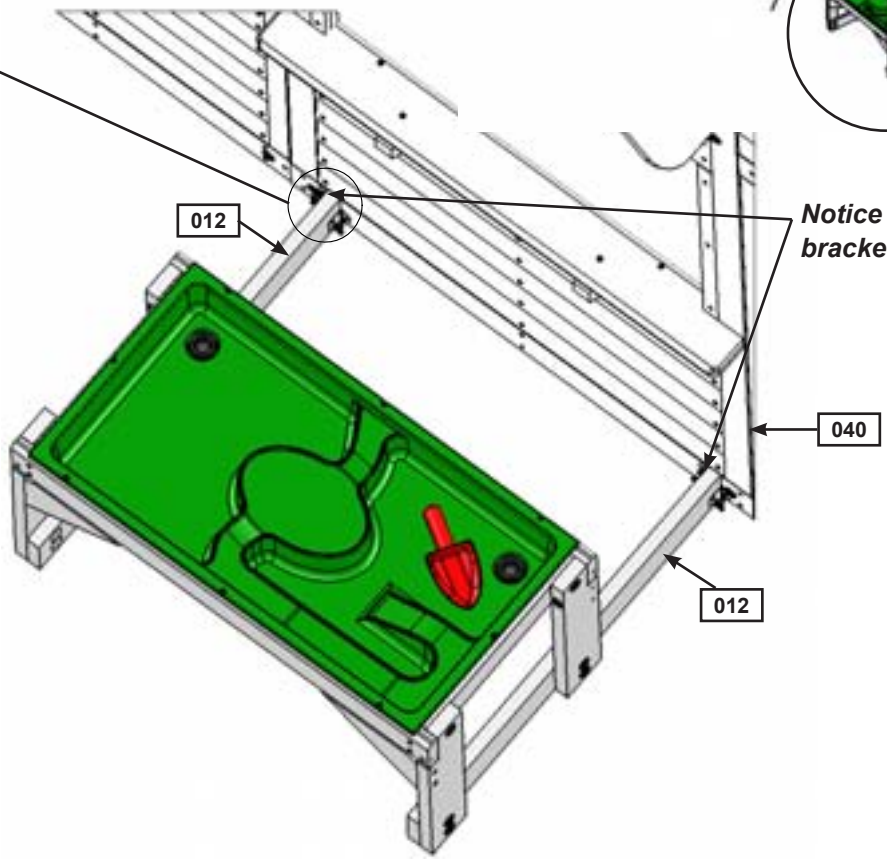


Fig. 33.2



Hardware

12 x (S13) #6 x 5/8" Pan Screw

Other Parts

4 x Corner Bracket

Step 34: Attach Slide to Fort

Note: Pre-drill all holes using a 1/8" drill bit before installing the pan screws.

A: Place Slide centred in the opening between (121) Posts. (fig. 34.1 and 34.2)

B: Attach slide to fort through the floor boards and into (126) SL End using 3 (S7) #12 x 2" Pan Screws. (fig. 34.2 and 34.3)

Fig. 34.1

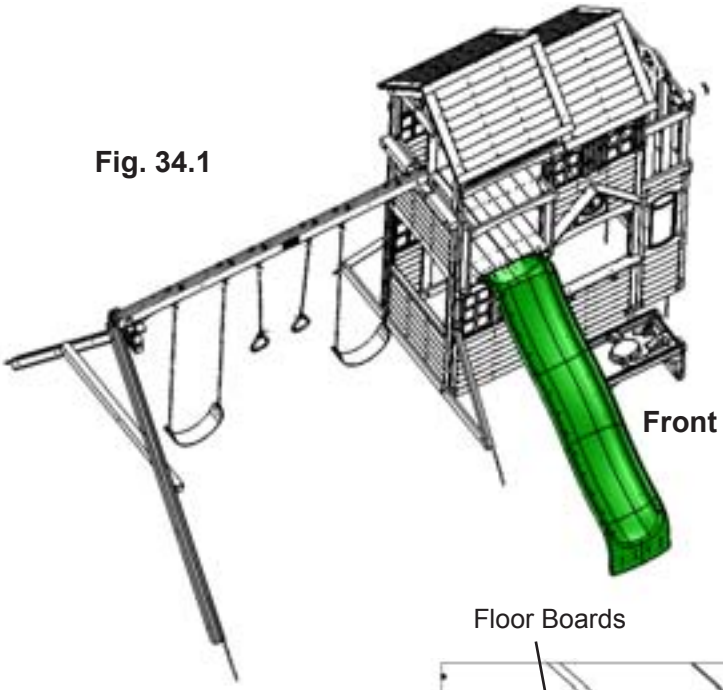


Fig. 34.3

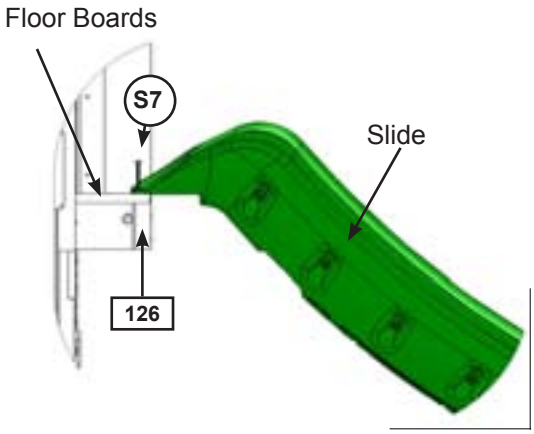
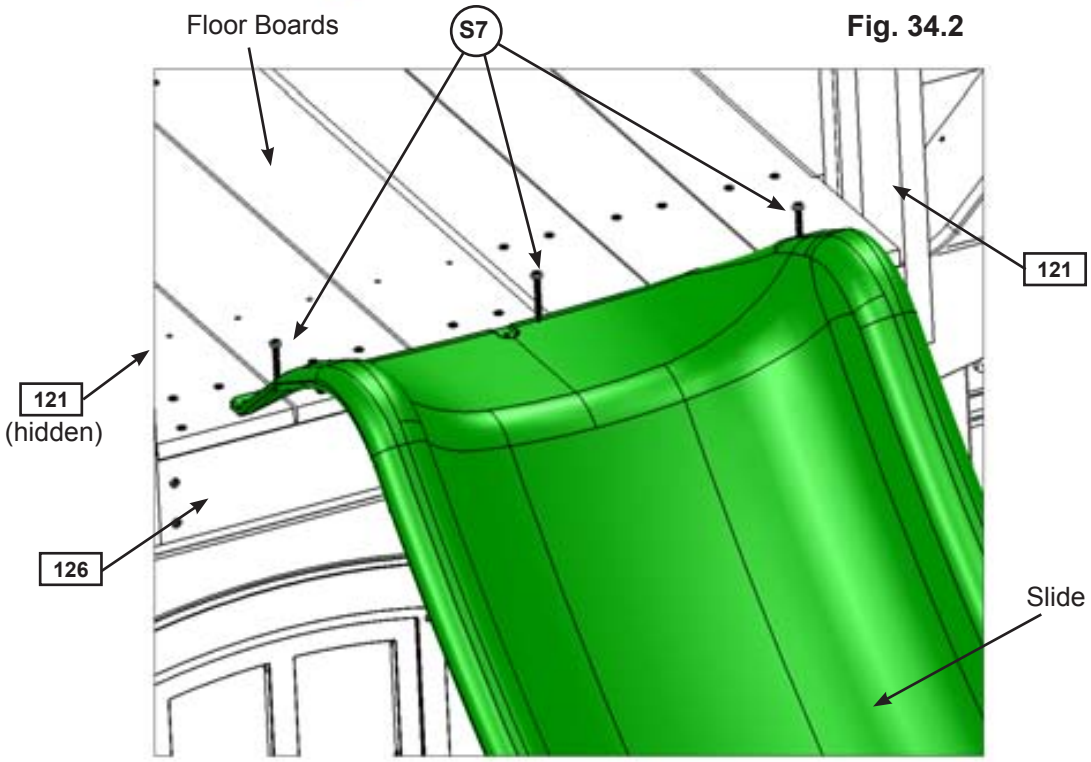


Fig. 34.2



Hardware

3 x (S7) #12 x 2" Pan Screw

Other Parts

1 x Slide

Step 35: Attach Access Ladder Rockwall Assembly

Pre-drill all holes using a 1/8" drill bit before installing the Wafer Lags

A: Remove (030) Board Access from the Access Ladder Rockwall, previously assembled in Step 3. Set the board and screws aside, they will be re-attached. (fig. 35.2)

B: Place the Access Ladder Rockwall on the Back side of the fort and attach to (064) Back Floor with 1 (WL3) 1/4 x 1-3/8" Wafer Lag Screw (with flat washer) in each Swing Bracket. (fig. 35.1, 35.2 and 35.3).

C: Re-attach (030) Board Access to the same place it was removed. (fig. 35.2)

Fig. 35.3

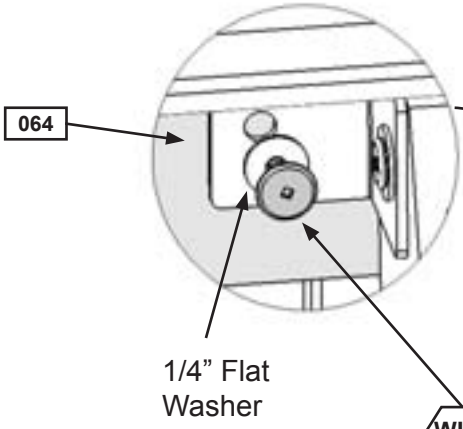
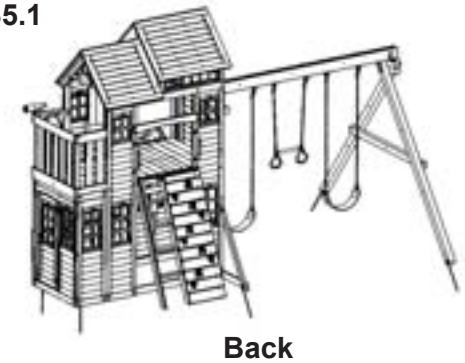
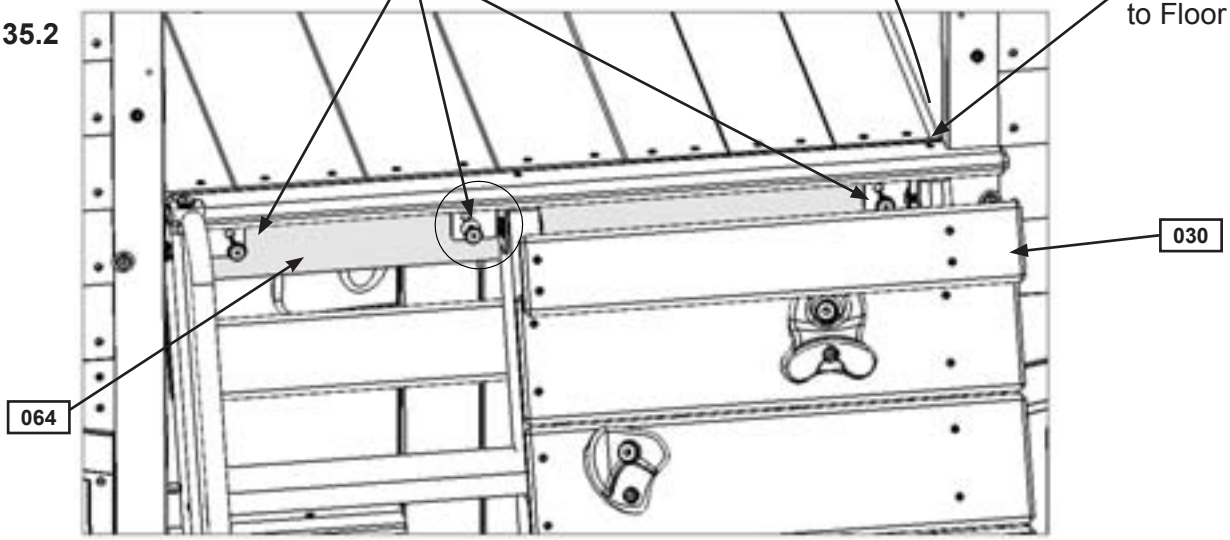


Fig. 35.1



Back

Fig. 35.2



Hardware

3 x (WL3) 1/4 x 1-3/8" Wafer Lag (1/4" flat washer)

Step 36: Attach Steel Hand Grips to Fort

Pre-drill all holes using a 1/8" drill bit before installing the Wafer Lags

A: Measure 6" from the top of (025) Top Ladder on each (050) Narrow Window Panel and attach 1 Steel Hand Grip per panel with 2 (WH2) #12 x 1" Wafer Screw (with flat washer) per Steel Hand Grip. (fig. 36.1 and 36.2)

Fig. 36.2

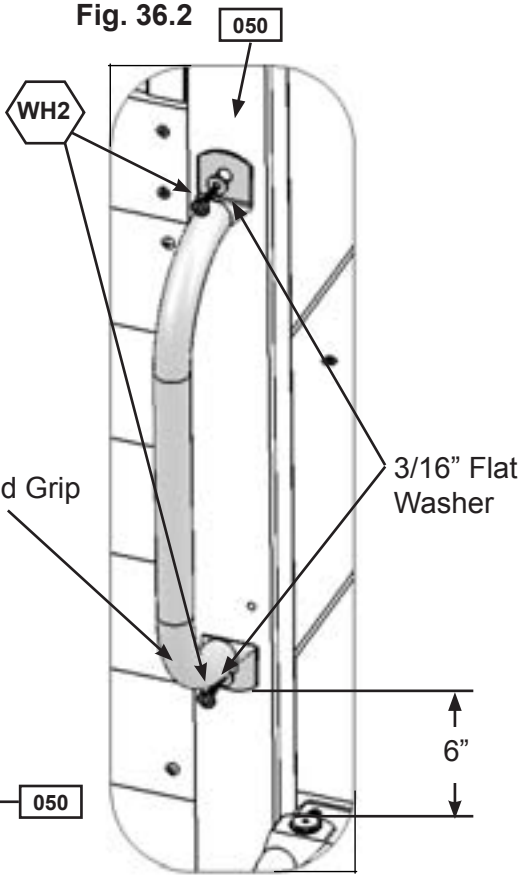
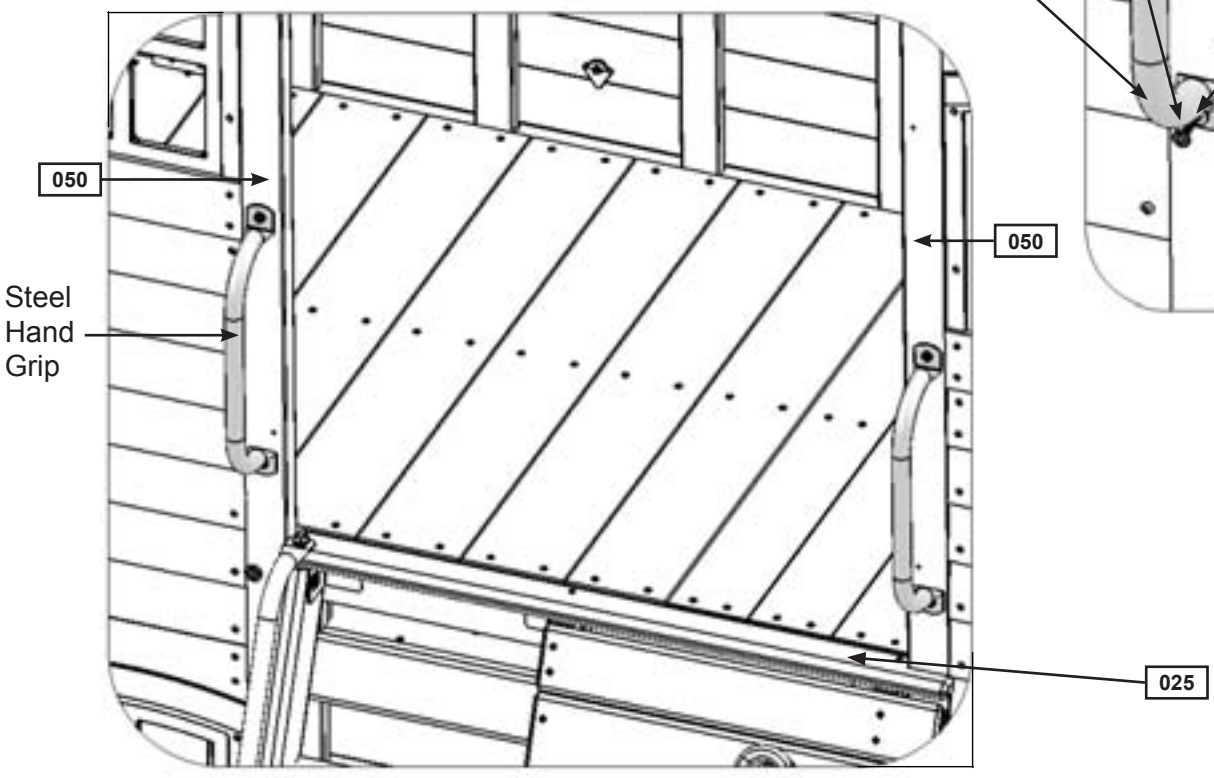


Fig. 36.1



Hardware

4 x (WH2) #12 x 1" Wafer Head Screw (3/16" flat washer)

Other Parts

2 x Steel Hand Grip

Step 37: Attach Middle Arch to Fort

A: Measure 28” from the top of (025) Top Ladder on each (050) Narrow Window Panel and attach (370) Middle Arch with 4 (S15) #8 x 1-3/4” Wood Screws. (fig. 37.1 and 37.2)

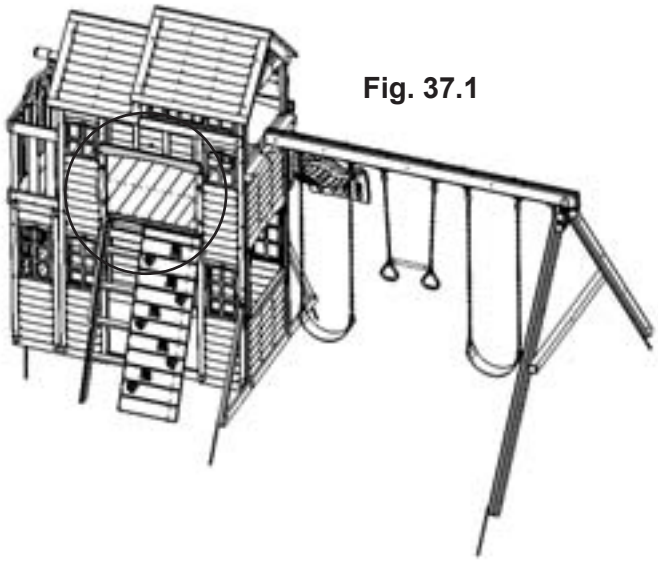
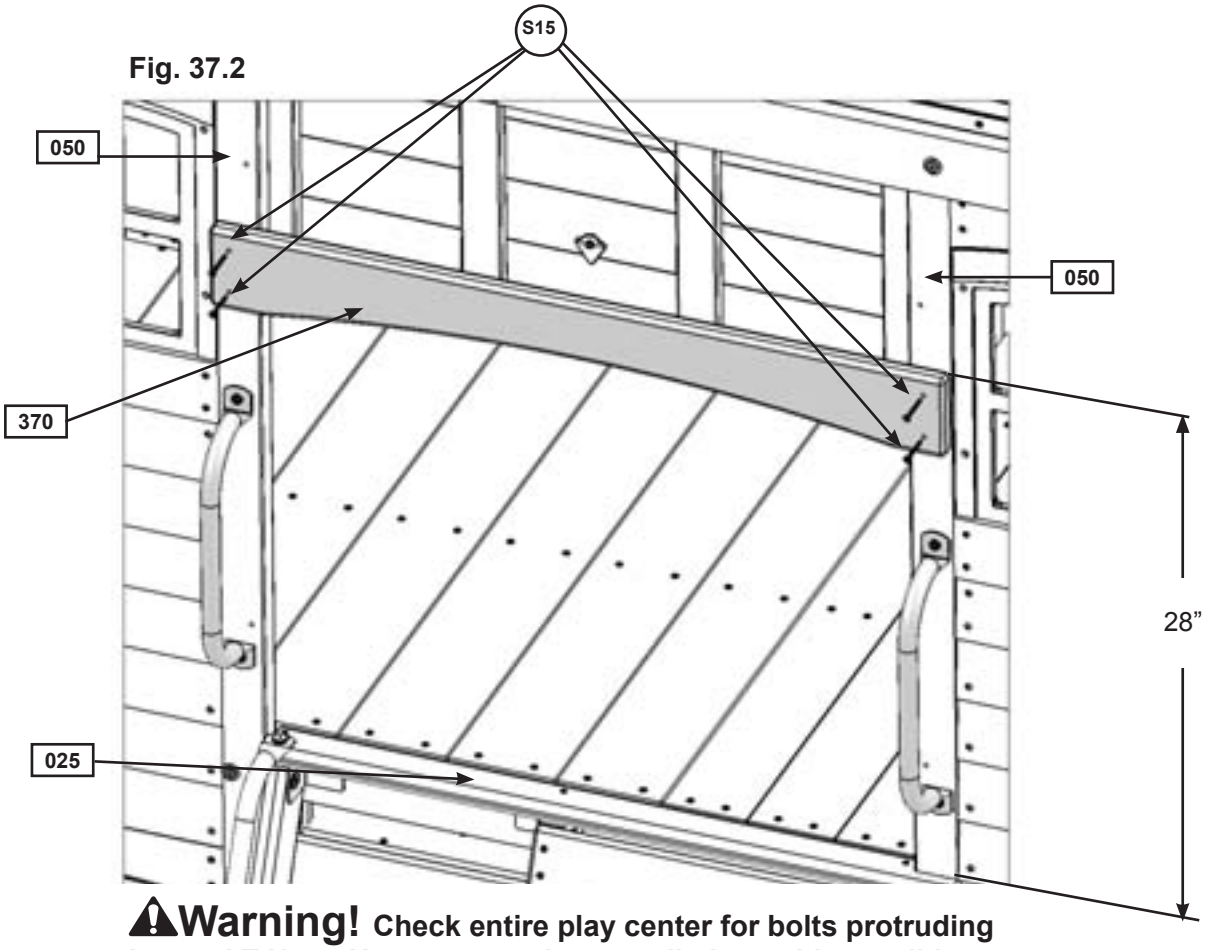


Fig. 37.1

Fig. 37.2



⚠Warning! Check entire play center for bolts protruding beyond T-Nuts. Use extra washers to eliminate this condition.

Wood Parts

1 x 370 **Middle Arch FSC 5/4 x 5 x 36-1/4”**

Hardware

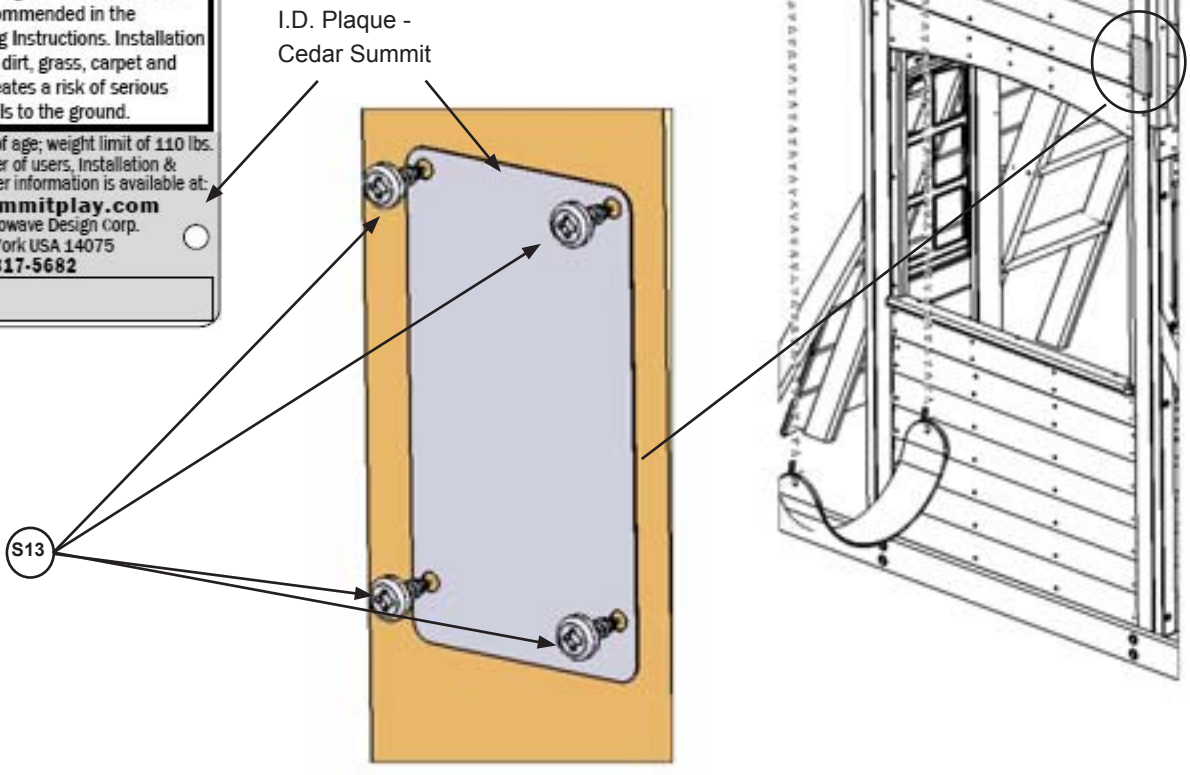
4 x S15 **#8 x 1-3/4” Wood Screw**

Final Step: Attach I.D. Plaque

ATTACH THIS WARNING & I.D. PLAQUE TO THIS LOCATION ON YOUR PLAY EQUIPMENT!

This provides warnings concerning safety and important contact information. A Tracking Number is provided to allow you to get critical information or order replacement parts for this specific model.

A: Attach I.D. Plaque - Cedar Summit to a location on your set that is easily seen and read by a supervising adult using 4 (S13) #6 x 5/8" Pan Screws as shown below.



Hardware

4 x (S13) #6 x 5/8" Pan Screw

Other Parts

1 x I.D. Plaque - Cedar Summit

NOTES

NOTES

NOTES

CEDAR SUMMIT
Consumer Registration Card

First Name | Initial | Last Name

Street | Apt. No.

City | State/Province | ZIP/Postal Code

Country | Telephone Number

E-Mail Address

Model Name | Model Number (Box Labels)

Serial Number (on ID Plaque)

Date Purchase | Purchased From

MM / DD / YY

How would you rate this product for quality?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

How would you rate this product for ease of assembly?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

How would you rate our instructions?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

How would you rate the quality of packaging?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

Would you recommend the purchase of our products to friends and family?

☐ Yes ☐ No

Comments:

MAIL TO:
Solowave Design™
375 Sligo Road W.
Mount Forest, Ontario, Canada
N0G 2L1
Attention: Customer Service

REVISION: 12/01/09

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Cedar Summit would like to say Thank You for your time and feedback.

CUT ALONG LINE